

VIRUS, BACTERIA, FUNGI, AND PARASITES

## Evolving Collection of Microorganisms for Infectious Disease Testing

ZeptoMetrix® is committed to helping you with your testing needs, whether it be for cross-reactivity, inclusivity, or exclusivity studies. We offer a large, diverse library of microorganisms and continue to expand our already extensive library of viruses, bacteria, fungi, and parasites. The microorganisms and their derivatives that we offer may be presented in a variety of formats, from non-infectious viral lysates, (live and heat inactivated) culture fluids, purified DNA for use in PCR-molecular assays, or bacterial culture.

- **Convenient.** Provided in pre-measured aliquots
- **Versatile.** Can be used for limit of detection (LOD), cross-reactivity studies, inclusivity, exclusivity, sample stability, and microbial interference
- **Comprehensive.** Evolving organism collection of over 1,200 distinct strains

Ask about our custom capabilities. Talk to us about your specific needs and let ZeptoMetrix® build a custom solution tailored for you.

Product availability may vary, please contact customer service for more information.



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|                                 |    |                                           |    |                                     |    |
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| Neisseria mucosa.....           | 24 | Shigella flexneri .....                   | 31 |                                     |    |
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| Nocardia asteroides .....       | 24 | Staphylococcus aureus .....               | 31 |                                     |    |
| Norovirus .....                 | 24 | Staphylococcus auricularis .....          | 31 |                                     |    |

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| Item Number                        | Description                                                                        | Use*       |
|------------------------------------|------------------------------------------------------------------------------------|------------|
| <b>Achromobacter denitrificans</b> |                                                                                    |            |
| 0804095                            | Achromobacter denitrificans Z062, titered (1 mL)                                   | MTA HI RUO |
| <b>Acinetobacter baumannii</b>     |                                                                                    |            |
| 0810597DNA-10UG                    | Acinetobacter baumannii 307-0294, DNA (10 µg)                                      | RUO        |
| 0801597                            | Acinetobacter baumannii 307-0294, titered (1 mL)                                   | MTA HI RUO |
| <b>Acinetobacter calcoaceticus</b> |                                                                                    |            |
| 0804096                            | Acinetobacter calcoaceticus Z160, titered (1 mL)                                   | MTA HI RUO |
| <b>Acinetobacter haemolyticus</b>  |                                                                                    |            |
| 0804097                            | Acinetobacter haemolyticus Z348, titered (1 mL)                                    | MTA HI RUO |
| <b>Acinetobacter lwoffii</b>       |                                                                                    |            |
| 0801909                            | Acinetobacter lwoffii Z141, titered (1 mL)                                         | MTA HI RUO |
| <b>Actinomyces israelii</b>        |                                                                                    |            |
| 0801910                            | Actinomyces israelii Z147, titered (1 mL)                                          | MTA HI RUO |
| <b>Adenovirus</b>                  |                                                                                    |            |
| 0810050CF                          | Adenovirus Type 1 Species C Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810050CFN                         | Adenovirus Type 1 Species C Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810050CFHI                        | Adenovirus Type 1 Species C Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810050CFNHI                       | Adenovirus Type 1 Species C Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810110CF                          | Adenovirus Type 2 Species C Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810110CFHI                        | Adenovirus Type 2 Species C Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810062CF                          | Adenovirus Type 3 Species B Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810062CFHI                        | Adenovirus Type 3 Species B Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810325CF                          | Adenovirus Type 3 (1/2015 Isolate #8) Species B Culture Fluid (1 mL)               | MTA HI RUO |
| 0810326CF                          | Adenovirus Type 4 (1/2015 Isolate #9) Species E Culture Fluid (1 mL)               | MTA HI RUO |
| 0810070CF                          | Adenovirus Type 4 Species E Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810070CFHI                        | Adenovirus Type 4 Species E Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810020CF                          | Adenovirus Type 5 Species C Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810020CFHI                        | Adenovirus Type 5 Species C Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810111CF                          | Adenovirus Type 6 Species C Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810111CFHI                        | Adenovirus Type 6 Species C Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810021CF                          | Adenovirus Type 7 Species B Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810021CFHI                        | Adenovirus Type 7 Species B Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810021-0.5MG                      | Adenovirus Type 7 Species B Lysate (0.5 mg)                                        | RUO        |
| 0810021                            | Adenovirus Type 7 Species B Lysate (1 mg)                                          | RUO        |
| 0810069CF                          | Adenovirus Type 8 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810069CFHI                        | Adenovirus Type 8 Species D Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810532CF                          | Adenovirus Type 9 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810532CFHI                        | Adenovirus Type 9 Species D Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810533CF                          | Adenovirus Type 10 Species D Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810533CFHI                        | Adenovirus Type 10 Species D Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810112CF                          | Adenovirus Type 11 Species B Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810112CFHI                        | Adenovirus Type 11 Species B Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810108CF                          | Adenovirus Type 14 (2006 Isolate) Species B Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810108CFHI                        | Adenovirus Type 14 (2006 Isolate) Species B Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810558CF                          | Adenovirus Type 17 Species D Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810115CF                          | Adenovirus Type 20 Species D Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810115CFHI                        | Adenovirus Type 20 Species D Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810116CF                          | Adenovirus Type 21 Species B Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810116CFHI                        | Adenovirus Type 21 Species B Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810559CF                          | Adenovirus Type 24 Species D Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810560CF                          | Adenovirus Type 25 Species D Culture Fluid (1 mL)                                  | MTA HI RUO |

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|----------------------------------------------|-------------------------------------------------------------------------------------|------------|
| <b>Adenovirus (continued)</b>                |                                                                                     |            |
| 0810117CF                                    | Adenovirus Type 26 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810117CFHI                                  | Adenovirus Type 26 Species D Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810561CF                                    | Adenovirus Type 27 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810562CF                                    | Adenovirus Type 28 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810563CF                                    | Adenovirus Type 29 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810534CF                                    | Adenovirus Type 30 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810534CFHI                                  | Adenovirus Type 30 Species D Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810073CF                                    | Adenovirus Type 31 Species A Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810073CFHI                                  | Adenovirus Type 31 Species A Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810564CF                                    | Adenovirus Type 32 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810564CFHI                                  | Adenovirus Type 32 Species D Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810119CF                                    | Adenovirus Type 37 Species D Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810119CFHI                                  | Adenovirus Type 37 Species D Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810084CF                                    | Adenovirus Type 40 (Strain: Dugan) Species F Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810084CFHI                                  | Adenovirus Type 40 (Strain: Dugan) Species F Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810085CF                                    | Adenovirus Type 41 (Strain: Tak) Species F Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810085CFHI                                  | Adenovirus Type 41 (Strain: Tak) Species F Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| <b>Aerococcus viridans</b>                   |                                                                                     |            |
| 0801994                                      | Aerococcus viridans Z219, titered (1 mL)                                            | MTA HI RUO |
| <b>Aeromonas hydrophila</b>                  |                                                                                     |            |
| 0804098                                      | Aeromonas hydrophila Z161, titered (1 mL)                                           | MTA HI RUO |
| <b>Aggregatibacter actinomycetemcomitans</b> |                                                                                     |            |
| 0804285                                      | Aggregatibacter actinomycetemcomitans Z299, titered (1 mL)                          | MTA HI RUO |
| <b>Alcaligenes faecalis</b>                  |                                                                                     |            |
| 0801995                                      | Alcaligenes faecalis Z218, titered (1 mL)                                           | MTA HI RUO |
| <b>Arcanobacterium haemolyticum</b>          |                                                                                     |            |
| 0804315                                      | Arcanobacterium haemolyticum Z386, titered (1 mL)                                   | MTA HI RUO |
| <b>Aspergillus flavus</b>                    |                                                                                     |            |
| 0801598DNA-1UG                               | Aspergillus flavus Z013, DNA (1 µg)                                                 | RUO        |
| 0801598                                      | Aspergillus flavus Z013, titered (1 mL)                                             | MTA HI RUO |
| <b>Aspergillus fumigatus</b>                 |                                                                                     |            |
| 0801716DNA-1UG                               | Aspergillus fumigatus Z014, DNA (1 µg)                                              | RUO        |
| 0801716                                      | Aspergillus fumigatus Z014, titered (1 mL)                                          | MTA HI RUO |
| <b>Aspergillus niger</b>                     |                                                                                     |            |
| 0801827DNA-1UG                               | Aspergillus niger Z105, DNA (1 µg)                                                  | RUO        |
| 0801827                                      | Aspergillus niger Z105, titered (1 mL)                                              | MTA HI RUO |
| <b>Aspergillus terreus</b>                   |                                                                                     |            |
| 0801601DNA-1UG                               | Aspergillus terreus Z016, DNA (1 µg)                                                | RUO        |
| 0801601                                      | Aspergillus terreus Z016, titered (1 mL)                                            | MTA HI RUO |
| <b>Aspergillus versicolor</b>                |                                                                                     |            |
| 0801822                                      | Aspergillus versicolor Z093, titered (1 mL)                                         | MTA HI RUO |
| <b>Astrovirus</b>                            |                                                                                     |            |
| 0810275CF                                    | Astrovirus Type 2 Culture Fluid (1 mL)                                              | MTA HI RUO |
| 0810275CFHI                                  | Astrovirus Type 2 Culture Fluid, Heat Inactivated (1 mL)                            | RUO        |
| 0810273CF                                    | Astrovirus Type 4 (Strain: ERE IID 1358) Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810273CFHI                                  | Astrovirus Type 4 (Strain: ERE IID 1358) Culture Fluid, Heat Inactivated (1 mL)     | RUO        |
| 0810276CF                                    | Astrovirus Type 4 (Strain: ERE IID 2868) Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810276CFHI                                  | Astrovirus Type 4 (Strain: ERE IID 2868) Culture Fluid, Heat Inactivated (1 mL)     | RUO        |
| 0810277CF                                    | Astrovirus Type 8 (Strain: ERE IID 2371) Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810277CFHI                                  | Astrovirus Type 8 (Strain: ERE IID 2371) Culture Fluid, Heat Inactivated (1 mL)     | RUO        |

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|-------------------------------------------------|--------------------------------------------------------------------|------------|
| <b>Atopobium vaginae</b>                        |                                                                    |            |
| 0804259                                         | Atopobium vaginae Z242, titered (1 mL)                             | MTA HI RUO |
| <b>Bacillus atropheus</b>                       |                                                                    |            |
| 0801824                                         | Bacillus atropheus Z092, titered (1 mL)                            | MTA HI RUO |
| <b>Bacillus cereus</b>                          |                                                                    |            |
| 0801823                                         | Bacillus cereus Z091, titered (1 mL)                               | MTA HI RUO |
| <b>Bacillus subtilis</b>                        |                                                                    |            |
| 0801562DNA-10UG                                 | Bacillus subtilis Z094, DNA (10 µg)                                | RUO        |
| 0801562                                         | Bacillus subtilis Z094, titered (1 mL)                             | MTA HI RUO |
| <b>Bacillus thuringiensis</b>                   |                                                                    |            |
| 0801515                                         | Bacillus thuringiensis Z096, titered (1 mL)                        | MTA HI RUO |
| <b>Bacteroides caccae</b>                       |                                                                    |            |
| 0804046                                         | Bacteroides caccae Z174, titered (1mL)                             | MTA HI RUO |
| <b>Bacteroides fragilis</b>                     |                                                                    |            |
| 0801583DNA-10UG                                 | Bacteroides fragilis Z029, DNA (10 µg)                             | RUO        |
| 0801583                                         | Bacteroides fragilis Z029, titered (1 mL)                          | MTA HI RUO |
| <b>Bacteroides thetaiotaomicron</b>             |                                                                    |            |
| 0801743DNA-10UG                                 | Bacteroides thetaiotaomicron Z037, DNA (10 µg)                     | RUO        |
| 0801743                                         | Bacteroides thetaiotaomicron Z037, titered (1 mL)                  | MTA HI RUO |
| <b>Banzi Virus</b>                              |                                                                    |            |
| 0810093CF                                       | Banzi Virus Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810093CFHI                                     | Banzi Virus Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| <b>Bartonella henselae</b>                      |                                                                    |            |
| 0804359                                         | Bartonella henselae Z477, titered (1 mL)                           | MTA HI RUO |
| <b>Bartonella quintana</b>                      |                                                                    |            |
| 0804360                                         | Bartonella quintana Z478, titered (1 mL)                           | MTA HI RUO |
| <b>Bergeriella denitrificans</b>                |                                                                    |            |
| 0804100                                         | Bergeriella denitrificans Z390, titered (1 mL)                     | MTA HI RUO |
| <b>Bifidobacterium adolescentis</b>             |                                                                    |            |
| 0801998                                         | Bifidobacterium adolescentis Z325, titered (1 mL)                  | MTA HI RUO |
| <b>Bifidobacterium breve</b>                    |                                                                    |            |
| 0801829                                         | Bifidobacterium breve Z102, titered (1 mL)                         | MTA HI RUO |
| <b>Bifidobacterium longum</b>                   |                                                                    |            |
| 0804047                                         | Bifidobacterium longum Z175, titered (1mL)                         | MTA HI RUO |
| <b>BK Virus</b>                                 |                                                                    |            |
| 0810605CF                                       | BK Polymavirus Culture Fluid (1 mL)                                | MTA HI RUO |
| 0810065CF                                       | BK Virus Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810065CFHI                                     | BK Virus Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |
| <b>Blastomyces dermatitidis - S. cerevisiae</b> |                                                                    |            |
| 0801697                                         | Blastomyces dermatitidis-S. cerevisiae Recombinant, titered (1 mL) | MTA HI RUO |
| <b>Blautia producta</b>                         |                                                                    |            |
| 0804308                                         | Blautia producta Z388, titered (1 mL)                              | MTA HI RUO |
| <b>Bordetella avium</b>                         |                                                                    |            |
| 0804316                                         | Bordetella avium Z338, titered (1 mL)                              | MTA HI RUO |
| <b>Bordetella bronchiseptica</b>                |                                                                    |            |
| 0801649                                         | Bordetella bronchiseptica clinical isolate, titered (1 mL)         | MTA HI RUO |
| 0804312                                         | Bordetella bronchiseptica Z339, titered (1 mL)                     | MTA HI RUO |
| 0804314                                         | Bordetella bronchiseptica Z341, titered (1 mL)                     | MTA HI RUO |
| <b>Bordetella holmesii</b>                      |                                                                    |            |
| 0801464                                         | Bordetella holmesii F061, titered (1 mL)                           | MTA HI RUO |

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|--------------------------------------|----------------------------------------------------|-----------------|
| <b>Bordetella parapertussis</b>      |                                                    |                 |
| 0801461                              | Bordetella parapertussis A747, titered (1 mL)      | MTA HI RUO      |
| 0801643                              | Bordetella parapertussis C510, titered (1 mL)      | MTA HI RUO      |
| 0801462                              | Bordetella parapertussis E595, titered (1 mL)      | MTA HI RUO      |
| 0801644                              | Bordetella parapertussis E838, titered (1 mL)      | MTA HI RUO      |
| <b>Bordetella pertussis</b>          |                                                    |                 |
| 0801459                              | Bordetella pertussis A639, titered (1 mL)          | MTA HI RUO      |
| 0801460                              | Bordetella pertussis E431, titered (1 mL)          | MTA HI RUO      |
| <b>Bordetella petrii</b>             |                                                    |                 |
| 0804317                              | Bordetella petrii Z334, titered (1mL)              | MTA HI RUO      |
| <b>Bordetella trematum</b>           |                                                    |                 |
| 0804318                              | Bordetella trematum Z342, titered (1 mL)           | MTA HI RUO      |
| <b>Brevibacterium linens</b>         |                                                    |                 |
| 0804304                              | Brevibacterium linens Z372, titered (1 mL)         | MTA HI RUO      |
| <b>Burkholderia cepacia</b>          |                                                    |                 |
| 801584                               | Burkholderia cepacia Z066, titered (1 mL)          | MTA HI RUO      |
| <b>Camelpox Virus</b>                |                                                    |                 |
| 0810661CF                            | Camelpox Virus Culture Fluid (1 mL)                | USDA MTA HI RUO |
| <b>Campylobacter coli</b>            |                                                    |                 |
| 0804272                              | Campylobacter coli Z293, titered (1 mL)            | MTA HI RUO      |
| <b>Campylobacter fetus</b>           |                                                    |                 |
| 0801929                              | Campylobacter fetus Z148, titered (1 mL)           | MTA HI RUO      |
| <b>Campylobacter hyointestinalis</b> |                                                    |                 |
| 0804269                              | Campylobacter hyointestinalis Z458, titered (1 mL) | MTA HI RUO      |
| <b>Campylobacter jejuni</b>          |                                                    |                 |
| 0801650DNA-10UG                      | Campylobacter jejuni clinical isolate, DNA (10 µg) | RUO             |
| 0801650                              | Campylobacter jejuni Z086, titered (1 mL)          | MTA HI RUO      |
| <b>Campylobacter rectus</b>          |                                                    |                 |
| 0804287                              | Campylobacter rectus Z311, titered (1 mL)          | MTA HI RUO      |
| <b>Campylobacter upsaliensis</b>     |                                                    |                 |
| 0801999                              | Campylobacter upsaliensis Z350, titered (1 mL)     | MTA HI RUO      |
| <b>Campylobacter ureolyticus</b>     |                                                    |                 |
| 0801997                              | Campylobacter ureolyticus Z313, titered (1 mL)     | MTA HI RUO      |
| <b>Candida albicans</b>              |                                                    |                 |
| 0801504DNA-1UG                       | Candida albicans Z006, DNA (1 µg)                  | RUO             |
| 0801504                              | Candida albicans Z006, titered (1 mL)              | MTA HI RUO      |
| <b>Candida auris</b>                 |                                                    |                 |
| 0804386                              | Candida auris Z485, titered (1 mL)                 | MTA HI RUO      |
| <b>Candida catenulata</b>            |                                                    |                 |
| 0804155                              | Candida catenulata Z253, titered (1 mL)            | MTA HI RUO      |
| <b>Candida dubliniensis</b>          |                                                    |                 |
| 0801915                              | Candida dubliniensis Z145, titered (1 mL)          | MTA HI RUO      |
| <b>Candida glabrata</b>              |                                                    |                 |
| 0801535DNA-1UG                       | Candida glabrata Z007, DNA (1 µg)                  | RUO             |
| 0801535                              | Candida glabrata Z007, titered (1 mL)              | MTA HI RUO      |
| <b>Candida guilliermondii</b>        |                                                    |                 |
| 0801602DNA-1UG                       | Candida guilliermondii Z008, DNA (1 µg)            | RUO             |
| 0801602                              | Candida guilliermondii Z008, titered (1 mL)        | MTA HI RUO      |
| <b>Candida kefyr</b>                 |                                                    |                 |
| 0801837                              | Candida kefyr Z110, titered (1 mL)                 | MTA HI RUO      |

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|----------------------------------|---------------------------------------------------------------------------|------------|
| <b>Candida krusei</b>            |                                                                           |            |
| 0801536DNA-1UG                   | Candida krusei Z009, DNA (1 µg)                                           | RUO        |
| 0801536                          | Candida krusei Z009, titered (1 mL)                                       | MTA HI RUO |
| <b>Candida lusitanae</b>         |                                                                           |            |
| 0801603DNA-1UG                   | Candida lusitanae Z010, DNA (1 µg)                                        | RUO        |
| 0801603                          | Candida lusitanae Z010, titered (1 mL)                                    | MTA HI RUO |
| <b>Candida parapsilosis</b>      |                                                                           |            |
| 0801537DNA-1UG                   | Candida parapsilosis Z011, DNA (1 µg)                                     | RUO        |
| 0801537                          | Candida parapsilosis Z011, titered (1 mL)                                 | MTA HI RUO |
| <b>Candida sojae</b>             |                                                                           |            |
| 0801825                          | Candida sojae Z128, titered (1 mL)                                        | MTA HI RUO |
| <b>Candida tropicalis</b>        |                                                                           |            |
| 0801538DNA-1UG                   | Candida tropicalis Z012, DNA (1 µg)                                       | RUO        |
| 0801538                          | Candida tropicalis Z012, titered (1 mL)                                   | MTA HI RUO |
| <b>Chikungunya Virus</b>         |                                                                           |            |
| 0810625CF                        | Chikungunya Virus (Strain: 181/24) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810105CFHI                      | Chikungunya Virus (Strain: R80422) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810105                          | Chikungunya Virus (Strain: R80422) Lysate (1 mg)                          | RUO        |
| 0810105-0.5MG                    | Chikungunya Virus (Strain: R80422) Lysate (0.5 mg)                        | RUO        |
| <b>Chlamydia trachomatis</b>     |                                                                           |            |
| 0801775                          | Chlamydia trachomatis Z054; D-UW3; Serovar D, titered (1 EA)              | MTA HI RUO |
| 0801776                          | Chlamydia trachomatis Z055; LGVII434; Serovar L2, titered (1 EA) (BSL-3)  | MTA HI RUO |
| 0801774                          | Chlamydia trachomatis Z481; HAR-13; Serovar A, titered (1 EA)             | MTA HI RUO |
| 0804390                          | Chlamydia trachomatis Z498; nvCT; Serovar E, titered (1 EA)               | MTA HI RUO |
| 0804391                          | Chlamydia trachomatis Z499; Aus33; Serovar C, titered (1 EA)              | MTA HI RUO |
| 0804396                          | Chlamydia trachomatis Z504; Jali20; serovar B, titered (1 EA)             | MTA HI RUO |
| 0804397                          | Chlamydia trachomatis Z505; Soton F2; serovar F, titered (1 EA)           | MTA HI RUO |
| 0804398                          | Chlamydia trachomatis Z506; BRI028; serovar G, titered (1 EA)             | MTA HI RUO |
| 0804399                          | Chlamydia trachomatis Z507; Soton Ia3; serovar Ia, titered (1 EA)         | MTA HI RUO |
| 0804400                          | Chlamydia trachomatis Z508; BRI030; serovar J, titered (1 EA)             | MTA HI RUO |
| 0804401                          | Chlamydia trachomatis Z509; Soton K1; serovar K, titered (1 EA)           | MTA HI RUO |
| <b>Chromobacterium violaceum</b> |                                                                           |            |
| 0804102                          | Chromobacterium violaceum Z392, titered (1 mL)                            | MTA HI RUO |
| <b>Citrobacter amalonaticus</b>  |                                                                           |            |
| 0801718                          | Citrobacter amalonaticus Z051, titered (1 mL)                             | MTA HI RUO |
| <b>Citrobacter braakii</b>       |                                                                           |            |
| 0804366                          | Citrobacter braakii Z489, titered (1 mL)                                  | MTA HI RUO |
| <b>Citrobacter freundii</b>      |                                                                           |            |
| 0801563DNA-10UG                  | Citrobacter freundii Z064, DNA (10 µg)                                    | RUO        |
| 0801563                          | Citrobacter freundii Z064, titered (1 mL)                                 | MTA HI RUO |
| <b>Citrobacter koseri</b>        |                                                                           |            |
| 0801745DNA-10UG                  | Citrobacter koseri Z039, DNA (10 µg)                                      | RUO        |
| 0801745                          | Citrobacter koseri Z039, titered (1 mL)                                   | MTA HI RUO |
| <b>Clostridioides difficile</b>  |                                                                           |            |
| 0804105                          | Clostridioides difficile Z228; non-toxigenic, titered (1 mL)              | MTA HI RUO |
| <b>Clostridium beijerinckii</b>  |                                                                           |            |
| 0804103                          | Clostridium beijerinckii Z352, titered (1 mL)                             | MTA HI RUO |
| <b>Clostridium bifermentans</b>  |                                                                           |            |
| 0804049                          | Clostridium bifermentans Z176, titered (1mL)                              | MTA HI RUO |
| <b>Clostridium butyricum</b>     |                                                                           |            |
| 0804050                          | Clostridium butyricum Z177, titered (1 mL)                                | MTA HI RUO |

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|---------------------------------------------|-------------------------------------------------------------------|----------------|
| <b>Clostridium difficile</b>                |                                                                   |                |
| 0801619DNA-1UG                              | Clostridium difficile NAP1, DNA (1 µg)                            | RUO            |
| 0801619                                     | Clostridium difficile NAP1, titered (1 mL)                        | MTA HI RUO     |
| 0801620                                     | Clostridium difficile NAP1A, titered (1 mL)                       | MTA HI RUO     |
| <b>Clostridium fallax</b>                   |                                                                   |                |
| 0804052                                     | Clostridium fallax Z353, titered (1 mL)                           | MTA HI RUO     |
| <b>Clostridium haemolyticum</b>             |                                                                   |                |
| 0804053                                     | Clostridium haemolyticum Z163, titered (1mL)                      | MTA HI CCL RUO |
| <b>Clostridium histolyticum</b>             |                                                                   |                |
| 0804054                                     | Clostridium histolyticum Z164, titered (1 mL)                     | MTA HI RUO     |
| <b>Clostridium innocuum</b>                 |                                                                   |                |
| 0804055                                     | Clostridium innocuum Z178, titered (1mL)                          | MTA HI RUO     |
| <b>Clostridium novyi</b>                    |                                                                   |                |
| 0804056                                     | Clostridium novyi Z179, titered (1 mL)                            | MTA HI RUO     |
| <b>Clostridium paraputrificum</b>           |                                                                   |                |
| 0804057                                     | Clostridium paraputrificum Z165, titered (1 mL)                   | MTA HI RUO     |
| <b>Clostridium perfringens</b>              |                                                                   |                |
| 0801585                                     | Clostridium perfringens Type A, titered (1 mL)                    | MTA HI RUO     |
| <b>Clostridium ramosum</b>                  |                                                                   |                |
| 0804058                                     | Clostridium ramosum Z180, titered (1 mL)                          | MTA HI RUO     |
| <b>Clostridium septicum</b>                 |                                                                   |                |
| 0801885                                     | Clostridium septicum Z118, titered (1 mL)                         | MTA HI RUO     |
| <b>Clostridium sordellii</b>                |                                                                   |                |
| 0801587                                     | Clostridium sordellii Z077, titered (1 mL)                        | MTA HI RUO     |
| <b>Clostridium sphenoides</b>               |                                                                   |                |
| 0804059                                     | Clostridium sphenoides Z231, titered (1 mL)                       | MTA HI RUO     |
| <b>Clostridium spiroforme</b>               |                                                                   |                |
| 0804106                                     | Clostridium spiroforme Z354, titered (1 mL)                       | MTA HI RUO     |
| <b>Clostridium sporogenes</b>               |                                                                   |                |
| 0804060                                     | Clostridium sporogenes Z355, titered (1 mL)                       | MTA HI RUO     |
| <b>Clostridium symbiosum</b>                |                                                                   |                |
| 0804061                                     | Clostridium symbiosum Z204, titered (1 mL)                        | MTA HI RUO     |
| <b>Clostridium tertium</b>                  |                                                                   |                |
| 0804062                                     | Clostridium tertium Z181, titered (1 mL)                          | MTA HI RUO     |
| <b>Clostridium tetani</b>                   |                                                                   |                |
| 0804063                                     | Clostridium tetani Z182, titered (1 mL)                           | MTA HI RUO     |
| <b>Coccidioides immitis - S. cerevisiae</b> |                                                                   |                |
| 0801677DNA-1UG                              | Coccidioides immitis-S. cerevisiae Recombinant, DNA (1 µg)        | RUO            |
| <b>Collinsella aerofaciens</b>              |                                                                   |                |
| 0804064                                     | Collinsella aerofaciens Z356, titered (1 mL)                      | MTA HI RUO     |
| <b>Coronavirus</b>                          |                                                                   |                |
| 0810229CF                                   | Coronavirus (Strain: 229E) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810229CFHI                                 | Coronavirus (Strain: 229E) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810229                                     | Coronavirus (Strain: 229E) Lysate (1 mg)                          | RUO            |
| 0810229-0.5MG                               | Coronavirus (Strain: 229E) Lysate (0.5 mg)                        | RUO            |
| 0810228CF                                   | Coronavirus (Strain: NL63) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810228CF-CL                                | Coronavirus (Strain: NL63) Cell Free Culture Fluid (1 mL)         | MTA HI RUO     |
| 0810228                                     | Coronavirus (Strain: NL63) Lysate (1 mg)                          | RUO            |
| 0810228-0.5 mg                              | Coronavirus (Strain: NL63) Lysate (0.5 mg)                        | RUO            |
| 0810024                                     | Coronavirus (Strain: OC43) Lysate (1 mg)                          | RUO            |

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|------------------------------------|-----------------------------------------------------------------------------------|-----------------|
| <b>Coronavirus (continued)</b>     |                                                                                   |                 |
| 0810024-0.5mg                      | Coronavirus (Strain: OC43) Lysate (0.5 mg)                                        | RUO             |
| 0810024CF                          | Coronavirus (Strain: OC43) Culture Fluid (1 mL)                                   | MTA HI RUO      |
| 0810024CFHI                        | Coronavirus (Strain: OC43) Culture Fluid, Heat Inactivated (1 mL)                 | RUO             |
| <b>Corynebacterium amycolatum</b>  |                                                                                   |                 |
| 0804251                            | Corynebacterium amycolatum Z284, titered (1 mL)                                   | MTA HI RUO      |
| <b>Corynebacterium bovis</b>       |                                                                                   |                 |
| 0804107                            | Corynebacterium bovis Z357, titered (1 mL)                                        | MTA HI RUO      |
| <b>Corynebacterium diphtheriae</b> |                                                                                   |                 |
| 0801882                            | Corynebacterium diphtheriae Z116, titered (1 mL)                                  | MTA HI RUO      |
| <b>Corynebacterium flavescens</b>  |                                                                                   |                 |
| 0804342                            | Corynebacterium flavescens Z470, titered (1 mL)                                   | MTA HI RUO      |
| <b>Corynebacterium genitalium</b>  |                                                                                   |                 |
| 0804108                            | Corynebacterium genitalium Z328, titered (1 mL)                                   | MTA HI RUO      |
| <b>Corynebacterium jeikeium</b>    |                                                                                   |                 |
| 0804161                            | Corynebacterium jeikeium Z232, titered (1 mL)                                     | MTA HI RUO      |
| <b>Corynebacterium renale</b>      |                                                                                   |                 |
| 0804237                            | Corynebacterium renale Z358, titered (1 mL)                                       | MTA HI RUO      |
| <b>Corynebacterium xerosis</b>     |                                                                                   |                 |
| 0804000                            | Corynebacterium xerosis Z393, titered (1 mL)                                      | MTA HI RUO      |
| <b>Cowpox Virus</b>                |                                                                                   |                 |
| 0810662CF                          | Cowpox Virus (Brighton Red) Culture Fluid (1 mL)                                  | USDA MTA HI RUO |
| <b>Coxsackievirus</b>              |                                                                                   |                 |
| 0810140CF                          | Coxsackievirus Type A1 (Strain: Tompkins) Culture Fluid (1 mL)                    | MTA HI RUO      |
| 0810140CFHI                        | Coxsackievirus Type A1 (Strain: Tompkins) Culture Fluid, Heat Inactivated (1 mL)  | RUO             |
| 0810141CF                          | Coxsackievirus Type A2 (Strain: Fletwood) Culture Fluid (1 mL)                    | MTA HI RUO      |
| 0810141CFHI                        | Coxsackievirus Type A2 (Strain: Fletwood) Culture Fluid, Heat Inactivated (1 mL)  | RUO             |
| 0810142CF                          | Coxsackievirus Type A4 (Strain: Highpoint) Culture Fluid (1 mL)                   | MTA HI RUO      |
| 0810142CFHI                        | Coxsackievirus Type A4 (Strain: Highpoint) Culture Fluid, Heat Inactivated (1 mL) | RUO             |
| 0810143CF                          | Coxsackievirus Type A8 (Strain: Donovan) Culture Fluid (1 mL)                     | MTA HI RUO      |
| 0810143CFHI                        | Coxsackievirus Type A8 (Strain: Donovan) Culture Fluid, Heat Inactivated (1 mL)   | RUO             |
| 0810017CF                          | Coxsackievirus Type A9 Culture Fluid (1 mL)                                       | MTA HI RUO      |
| 0810017CFHI                        | Coxsackievirus Type A9 Culture Fluid, Heat Inactivated (1 mL)                     | RUO             |
| 0810106CF                          | Coxsackievirus Type A10 (2008 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO      |
| 0810106CFHI                        | Coxsackievirus Type A10 (2008 Isolate) Culture Fluid, Heat Inactivated (1 mL)     | RUO             |
| 0810144CF                          | Coxsackievirus Type A15 (Strain: G-19) Culture Fluid (1 mL)                       | MTA HI RUO      |
| 0810144CFHI                        | Coxsackievirus Type A15 (Strain: G-19) Culture Fluid, Heat Inactivated (1 mL)     | RUO             |
| 0810144-0.5MG                      | Coxsackievirus Type A15 (Strain: G-19) Lysate (0.5 mg)                            | RUO             |
| 0810144                            | Coxsackievirus Type A15 (Strain: G-19) Lysate (1 mg)                              | RUO             |
| 0810107CF                          | Coxsackievirus Type A16 (1997 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO      |
| 0810107CFHI                        | Coxsackievirus Type A16 (1997 Isolate) Culture Fluid, Heat Inactivated (1 mL)     | RUO             |
| 0810289CF                          | Coxsackievirus Type A16 (2004 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO      |
| 0810289CFHI                        | Coxsackievirus Type A16 (2004 Isolate) Culture Fluid, Heat Inactivated (1 mL)     | RUO             |
| 0810235CF                          | Coxsackievirus Type A21 (2005 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO      |
| 0810235CFHI                        | Coxsackievirus Type A21 (2005 Isolate) Culture Fluid, Heat Inactivated (1 mL)     | RUO             |
| 0810074CF                          | Coxsackievirus Type B3 Culture Fluid (1 mL)                                       | MTA HI RUO      |
| 0810074CFHI                        | Coxsackievirus Type B3 Culture Fluid, Heat Inactivated (1 mL)                     | RUO             |
| 0810075CF                          | Coxsackievirus Type B4 Culture Fluid (1 mL)                                       | MTA HI RUO      |
| 0810075CFHI                        | Coxsackievirus Type B4 Culture Fluid, Heat Inactivated (1 mL)                     | RUO             |
| 0810019CF                          | Coxsackievirus Type B5 Culture Fluid (1 mL)                                       | MTA HI RUO      |
| 0810019CFHI                        | Coxsackievirus Type B5 Culture Fluid, Heat Inactivated (1 mL)                     | RUO             |

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| Item Number                         | Description                                                                       | Use*       |
|-------------------------------------|-----------------------------------------------------------------------------------|------------|
| <b>Cronobacter sakazakii</b>        |                                                                                   |            |
| 0801533                             | Cronobacter sakazakii Z047, titered (1 mL)                                        | MTA HI RUO |
| <b>Cryptococcus gattii</b>          |                                                                                   |            |
| 0801917                             | Cryptococcus gattii Z156, titered (1 mL)                                          | MTA HI RUO |
| <b>Cryptococcus neoformans</b>      |                                                                                   |            |
| 0801803                             | Cryptococcus neoformans serotype A, titered (1 mL)                                | MTA HI RUO |
| 0801539DNA-1UG                      | Cryptococcus neoformans serotype D, DNA (1 µg)                                    | RUO        |
| <b>Cryptosporidium</b>              |                                                                                   |            |
| 0801700DNA-1UG                      | Cryptosporidium parvum-S. cerevisiae Recombinant, DNA (1 µg)                      | RUO        |
| 0801700                             | Cryptosporidium parvum-S. cerevisiae Recombinant, titered (1 mL)                  | MTA HI RUO |
| <b>Cunninghamella bertholletiae</b> |                                                                                   |            |
| 0801759DNA-1UG                      | Cunninghamella bertholletiae Z080, DNA (1 µg)                                     | RUO        |
| <b>Cutibacterium acnes</b>          |                                                                                   |            |
| 0801913                             | Cutibacterium acnes Z144, titered (1 mL)                                          | MTA HI RUO |
| <b>Cytomegalovirus (CMV)</b>        |                                                                                   |            |
| 0810003CF                           | Cytomegalovirus AD-169 Culture Fluid (1 mL)                                       | MTA HI RUO |
| 0810003CFHI                         | Cytomegalovirus AD-169 Culture Fluid, Heat Inactivated (1 mL)                     | RUO        |
| 0810003-0.5MG                       | Cytomegalovirus AD-169 Lysate (0.5 mg)                                            | RUO        |
| 0810003                             | Cytomegalovirus AD-169 Lysate (1 mg)                                              | RUO        |
| 0810500CF                           | Cytomegalovirus Merlin Culture Fluid (1 mL)                                       | MTA HI RUO |
| 0810500CFHI                         | Cytomegalovirus Merlin Culture Fluid, Heat Inactivated (1 mL)                     | RUO        |
| 0810628CF                           | Cytomegalovirus Toledo Culture Fluid (1 mL)                                       | MTA HI RUO |
| 0810499CF                           | Cytomegalovirus Towne Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810499CFHI                         | Cytomegalovirus Towne Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| <b>Deinococcus radiodurans</b>      |                                                                                   |            |
| 0804041                             | Deinococcus radiodurans Z254, titered (1 mL)                                      | MTA HI RUO |
| <b>Dengue Virus</b>                 |                                                                                   |            |
| 0810088CF                           | Dengue Virus Type 1 (Strain: Hawaii) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810088CFHI                         | Dengue Virus Type 1 (Strain: Hawaii) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810550CF                           | Dengue Virus Type 1 (Strain: TC974) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810550CFHI                         | Dengue Virus Type 1 (Strain: TC974) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810089CF                           | Dengue Virus Type 2 (Strain: New Guinea C) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810089CFHI                         | Dengue Virus Type 2 (Strain: New Guinea C) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810089-0.5MG                       | Dengue Virus Type 2 (Strain: New Guinea C) Lysate (0.5 mg)                        | RUO        |
| 0810089                             | Dengue Virus Type 2 (Strain: New Guinea C) Lysate (1 mg)                          | RUO        |
| 0810551CF                           | Dengue Virus Type 2 (Strain: R062) Culture Fluid (1 mL)                           | MTA HI RUO |
| 0810551CFHI                         | Dengue Virus Type 2 (Strain: R062) Culture Fluid, Heat Inactivated (1 mL)         | RUO        |
| 0810090CF                           | Dengue Virus Type 3 (Strain: H87) Culture Fluid (1 mL)                            | MTA HI RUO |
| 0810090CFHI                         | Dengue Virus Type 3 (Strain: H87) Culture Fluid, Heat Inactivated (1 mL)          | RUO        |
| 0810553CF                           | Dengue Virus Type 3 (Strain: TC999) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810553CFHI                         | Dengue Virus Type 3 (Strain: TC999) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810091CF                           | Dengue Virus Type 4 (Strain: H241) Culture Fluid (1 mL)                           | MTA HI RUO |
| 0810091CFHI                         | Dengue Virus Type 4 (Strain: H241) Culture Fluid, Heat Inactivated (1 mL)         | RUO        |
| 0810555CF                           | Dengue Virus Type 4 (Strain: TC1000) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810555CFHI                         | Dengue Virus Type 4 (Strain: TC1000) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810554CF                           | Dengue Virus Type 4 (Strain: TC25) Culture Fluid (1 mL)                           | MTA HI RUO |
| 0810554CFHI                         | Dengue Virus Type 4 (Strain: TC25) Culture Fluid, Heat Inactivated (1 mL)         | RUO        |
| <b>Echovirus</b>                    |                                                                                   |            |
| 0810076CF                           | Echovirus Type 6 Culture Fluid (1 mL)                                             | MTA HI RUO |
| 0810076CFHI                         | Echovirus Type 6 Culture Fluid, Heat Inactivated (1 mL)                           | RUO        |
| 0810077CFHI                         | Echovirus Type 9 Culture Fluid (Heat Inactivated) (1 mL)                          | RUO        |

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|---------------------------------------|-------------------------------------------------------------------------------|------------|
| <b>Echovirus (continued)</b>          |                                                                               |            |
| 0810077CF                             | Echovirus Type 9 Culture Fluid (1 mL)                                         | MTA HI RUO |
| 0810501CF                             | Echovirus Type 11 (Strain: Gregory) Culture Fluid (1 mL)                      | MTA HI RUO |
| 0810023CF                             | Echovirus Type 11 Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810023CFHI                           | Echovirus Type 11 Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| 0810607CF                             | Echovirus Type 13 (Strain: H06368 226) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810502CF                             | Echovirus Type 14 (Strain: H08330 539) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810502CFHI                           | Echovirus Type 14 (Strain: H08330 539) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810503CF                             | Echovirus Type 16 (Strain: Harrington) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810608CF                             | Echovirus Type 18 (Strain: H07218 472) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810078CF                             | Echovirus Type 30 Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810078CFHI                           | Echovirus Type 30 Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| <b>Edwardsiella tarda</b>             |                                                                               |            |
| 0804065                               | Edwardsiella tarda Z183, titered (1mL)                                        | MTA HI RUO |
| <b>Eggerthella lenta</b>              |                                                                               |            |
| 0804066                               | Eggerthella lenta Z276, titered (1 mL)                                        | MTA HI RUO |
| <b>Eikenella corrodens</b>            |                                                                               |            |
| 0804001                               | Eikenella corrodens Z221, titered (1 mL)                                      | MTA HI RUO |
| <b>Elizabethkingia meningoseptica</b> |                                                                               |            |
| 0804110                               | Elizabethkingia meningoseptica Z394, titered (1 mL)                           | MTA HI RUO |
| <b>Enterobacter cloacae</b>           |                                                                               |            |
| 0801830                               | Enterobacter cloacae Z101, titered (1 mL)                                     | MTA HI RUO |
| <b>Enterococcus avium</b>             |                                                                               |            |
| 0804002                               | Enterococcus avium Z171, titered (1 mL)                                       | MTA HI RUO |
| <b>Enterococcus casseliflavus</b>     |                                                                               |            |
| 0801565                               | Enterococcus casseliflavus Z002, titered (1 mL)                               | MTA HI RUO |
| <b>Enterococcus cecorum</b>           |                                                                               |            |
| 0804111                               | Enterococcus cecorum Z208, titered (1 mL)                                     | MTA HI RUO |
| <b>Enterococcus faecalis</b>          |                                                                               |            |
| 0804216                               | Enterococcus faecalis Z289; VSE, titered (1 mL)                               | MTA HI RUO |
| 0801951                               | Enterococcus faecalis Z324; vanA, titered (1 mL)                              | MTA HI RUO |
| 0801693DNA-10UG                       | Enterococcus faecalis Z345; van, DNA (10 µg)                                  | RUO        |
| 0801693                               | Enterococcus faecalis Z345; vanB, titered (1 mL)                              | MTA HI RUO |
| 0801637                               | Enterococcus faecalis Z346; VSE, titered (1 mL)                               | MTA HI RUO |
| <b>Enterococcus faecium</b>           |                                                                               |            |
| 0804210                               | Enterococcus faecium Z265; VSE, titered (1 mL)                                | MTA HI RUO |
| 0804211                               | Enterococcus faecium Z290; VSE, titered (1 mL)                                | MTA HI RUO |
| 0801953                               | Enterococcus faecium Z323; vanB, titered (1 mL)                               | MTA HI RUO |
| 0804328                               | Enterococcus faecium Z344; vanD, titered (1 mL)                               | MTA HI RUO |
| 0801892                               | Enterococcus faecium Z347; vanA, titered (1 mL)                               | MTA HI RUO |
| <b>Enterococcus gallinarum</b>        |                                                                               |            |
| 0804067                               | Enterococcus gallinarum Z209, titered (1 mL)                                  | MTA HI RUO |
| <b>Enterococcus hirae</b>             |                                                                               |            |
| 0804112                               | Enterococcus hirae Z193, titered (1 mL)                                       | MTA HI RUO |
| <b>Enterovirus</b>                    |                                                                               |            |
| 0810236CF                             | Enterovirus Type 71 (2003 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810236CFHI                           | Enterovirus Type 71 (2003 Isolate) Culture Fluid, Heat Inactivated (1 mL)     | RUO        |
| 0810237CF                             | Enterovirus Type 68 (2007 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810237CFHI                           | Enterovirus Type 68 (2007 Isolate) Culture Fluid, Heat Inactivated (1 mL)     | RUO        |
| 0810300CF                             | Enterovirus Type 68 (2014 Isolate) Culture Fluid (1 mL)                       | MTA HI RUO |

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|-------------------------------------|--------------------------------------------------------------------------------------------|------------|
| <b>Enterovirus (continued)</b>      |                                                                                            |            |
| 0810300CFHI                         | Enterovirus Type 68 (2014 Isolate) Culture Fluid, Heat Inactivated (1 mL)                  | RUO        |
| 0810301CF                           | Enterovirus Type 68 Odd Group (10/2012 Isolate 1) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810301CFHI                         | Enterovirus Type 68 Odd Group (10/2012 Isolate 1) Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| 0810302CF                           | Enterovirus Type 68 Major Group (09/2014 Isolate 2) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810302CFHI                         | Enterovirus Type 68 Major Group (09/2014 Isolate 2) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810303CF                           | Enterovirus Type 68 Major Group (09/2014 Isolate 3) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810303CFHI                         | Enterovirus Type 68 Major Group (09/2014 Isolate 3) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810304CF                           | Enterovirus Type 68 Major Group (09/2014 Isolate 4) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810304CFHI                         | Enterovirus Type 68 Major Group (09/2014 Isolate 4) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810305CF                           | Enterovirus Type 68 Minor Group (09/2014 Isolate 1) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810305CFHI                         | Enterovirus Type 68 Minor Group (09/2014 Isolate 1) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810306CF                           | Enterovirus Type 68 Minor Group (10/2014 Isolate 2) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810306CFHI                         | Enterovirus Type 68 Minor Group (10/2014 Isolate 2) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810307CF                           | Enterovirus Type 68 Minor Group (09/2014 Isolate 3) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810307CFHI                         | Enterovirus Type 68 Minor Group (09/2014 Isolate 3) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810543CF                           | Enterovirus B111 (2015 Isolate) Culture Fluid (1 mL)                                       | MTA HI RUO |
| 0810543CFHI                         | Enterovirus B111 (2015 Isolate) Culture Fluid, Heat Inactivated (1 mL)                     | RUO        |
| 0810680CF                           | Enterovirus D68 (Isolate: US/NY/22-42581) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810681CF                           | Enterovirus D68 (Isolate: US/NY/22-42858) Culture Fluid (1 mL)                             | MTA HI RUO |
| <b>Epstein-Barr Virus (EBV)</b>     |                                                                                            |            |
| 0810008CF                           | Epstein-Barr Virus (Strain: B95-8) Culture Fluid (1 mL)                                    | MTA HI RUO |
| 0810008CFHI                         | Epstein-Barr Virus (Strain: B95-8) Culture Fluid, Heat Inactivated (1 mL)                  | RUO        |
| 0810008CFHI-CL                      | Epstein-Barr Virus (Strain: B95-8) Cell Free Culture Fluid (1 mL)                          | RUO        |
| 0810008                             | Epstein-Barr Virus (Strain: B95-8) Lysate (1 mg)                                           | RUO        |
| 0810008-0.5MG                       | Epstein-Barr Virus (Strain: B95-8) Lysate (0.5 mg)                                         | RUO        |
| <b>Erysipelothrix rhusiopathiae</b> |                                                                                            |            |
| 0804238                             | Erysipelothrix rhusiopathiae Z283, titered (1 mL)                                          | MTA HI RUO |
| <b>Escherichia coli (E. coli)</b>   |                                                                                            |            |
| 0804140                             | Escherichia coli 0.1285; O18:H7:K1, titered (1 mL)                                         | MTA HI RUO |
| 0801938                             | Escherichia coli 7.1493; EPEC; O84:H28, titered (1mL)                                      | MTA HI RUO |
| 0801517                             | Escherichia coli clinical isolate, titered (1 mL)                                          | MTA HI RUO |
| 0801919                             | Escherichia coli EAEC; O77:HN, titered (1 mL)                                              | MTA HI RUO |
| 0801624DNA-10UG                     | Escherichia coli ETEC; ST+, LT+, DNA (10 µg)                                               | USDA RUO   |
| 0801624                             | Escherichia coli ETEC; ST+, LT+, titered (1 mL)                                            | MTA HI RUO |
| 0801747                             | Escherichia coli O111:NM (EPEC), titered (1 mL)                                            | MTA HI RUO |
| 0801747DNA-10UG                     | Escherichia coli O111:NM, DNA (10 µg)                                                      | RUO        |
| 0801787                             | Escherichia coli O157-S. cerevisiae Recombinant, titered (1 mL)                            | MTA HI RUO |
| 0801905                             | Escherichia coli Z136; CTX-M-15, titered (1 mL)                                            | MTA HI RUO |
| 0804443                             | Escherichia coli Z528; mcr-1, titered (1 mL)                                               | MTA HI RUO |
| <b>Escherichia fergusonii</b>       |                                                                                            |            |
| 0804113                             | Escherichia fergusonii Z302, titered (1 mL)                                                | MTA HI RUO |
| <b>Escherichia hermanii</b>         |                                                                                            |            |
| 0804068                             | Escherichia hermannii Z184, titered (1 mL)                                                 | MTA HI RUO |
| <b>Finegoldia magna</b>             |                                                                                            |            |
| 0804142                             | Finegoldia magna Z201, titered (1 mL)                                                      | MTA HI RUO |
| <b>Fluoribacter bozemanæ</b>        |                                                                                            |            |
| 0804240                             | Fluoribacter bozemanæ Z298, titered (1 mL)                                                 | MTA HI RUO |
| <b>Fusarium oxysporum</b>           |                                                                                            |            |
| 0801770DNA-1UG                      | Fusarium oxysporum Z084, DNA (1 µg)                                                        | RUO        |

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|-----------------------------------|-----------------------------------------------------------------------------------------|----------------|
| <b>Fusarium solani</b>            |                                                                                         |                |
| 0801806DNA-1UG                    | Fusarium solani Z081, DNA (1 µg)                                                        |                |
| 0801806                           | Fusarium solani Z081, titered (1 mL)                                                    | MTA HI RUO     |
| <b>Fusobacterium necrophorum</b>  |                                                                                         |                |
| 0804189                           | Fusobacterium necrophorum Z239, titered (1 mL)                                          | MTA HI RUO     |
| <b>Fusobacterium nucleatum</b>    |                                                                                         |                |
| 0801911                           | Fusobacterium nucleatum Z142, titered (1 mL)                                            | MTA HI RUO     |
| <b>Fusobacterium varium</b>       |                                                                                         |                |
| 0804069                           | Fusobacterium varium Z361, titered (1 mL)                                               | MTA HI RUO     |
| <b>Gardnerella vaginalis</b>      |                                                                                         |                |
| 0801894                           | Gardnerella vaginalis Z125, titered (1 mL)                                              | MTA HI RUO     |
| <b>Gemella haemolysans</b>        |                                                                                         |                |
| 0801912                           | Gemella haemolysans Z143, titered (1 mL)                                                | MTA HI RUO     |
| <b>Gemella morbillorum</b>        |                                                                                         |                |
| 0804253                           | Gemella morbillorum Z362, titered (1 mL)                                                | MTA HI RUO     |
| <b>Giardia lamblia</b>            |                                                                                         |                |
| 0801788                           | Giardia lamblia-S. cerevisiae Recombinant, titered (1 mL)                               | MTA HI RUO     |
| <b>Haemophilus ducreyi</b>        |                                                                                         |                |
| 0801736DNA-10UG                   | Haemophilus ducreyi class I, DNA (10 µg)                                                | RUO            |
| <b>Haemophilus influenzae</b>     |                                                                                         |                |
| 0801679DNA-10UG                   | Haemophilus influenzae type b; Eagan, DNA (10 µg)                                       | RUO            |
| 0801679                           | Haemophilus influenzae type b; Eagan, titered (1 mL)                                    | MTA HI RUO     |
| 0801680DNA-10UG                   | Haemophilus influenzae type b; MinnA, DNA (10 µg)                                       | RUO            |
| 0801680                           | Haemophilus influenzae type b; MinnA, titered (1 mL)                                    | MTA HI RUO     |
| <b>Heartland Virus</b>            |                                                                                         |                |
| 0810576CF                         | Heartland Virus (Strain: MO4) Culture Fluid (1 mL)                                      | MTA HI CCL RUO |
| 0810576CFHI                       | Heartland Virus (Strain: MO4) Culture Fluid, Heat Inactivated (1 mL)                    | RUO            |
| <b>Helicobacter pylori</b>        |                                                                                         |                |
| 0804383                           | Helicobacter pylori Z486, titered (1 mL)                                                | MTA HI RUO     |
| <b>Hepatitis</b>                  |                                                                                         |                |
| 0810031C                          | Hepatitis B Virus (HBV) Concentrate                                                     | RUO            |
| 0810032C                          | Hepatitis C Virus (HCV) Concentrate                                                     | RUO            |
| 0810042CF                         | Mouse Hepatitis Virus (MHV) Culture Fluid (1 mL)                                        | MTA HI RUO     |
| 0810042CFHI                       | Mouse Hepatitis Virus (MHV) Culture Fluid, Heat Inactivated (1 mL)                      | RUO            |
| <b>Herpes Simplex Virus (HSV)</b> |                                                                                         |                |
| 0810005CFN                        | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 1) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810183CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 2) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810183CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 2) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810184CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 3) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810184CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 3) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810185CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 4) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810185CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 4) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810186CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 5) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810186CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 5) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810187CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 6) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810187CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 6) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810188CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 7) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810188CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 7) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810189CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 8) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810189CFHI                       | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 8) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810190CF                         | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 9) Culture Fluid (1 mL)                   | MTA HI RUO     |

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|-----------------------------------------------|------------------------------------------------------------------------------------------------|------------|
| <b>Herpes Simplex Virus (HSV) (continued)</b> |                                                                                                |            |
| 0810190CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 9) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810191CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 10) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810191CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 10) Culture Fluid, Heat Inactivated (1 mL)       |            |
| 0810192CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 11) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810192CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 11) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810193CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 12) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810193CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 12) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810194CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 13) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810194CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 13) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810195CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 14) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810195CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 14) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810196CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 15) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810196CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 15) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810197CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 16) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810197CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 16) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810198CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 17) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810199CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 18) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810199CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 18) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810200CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 19) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810200CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 19) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810201CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 20) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810201CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 20) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810202CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 21) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810202CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Isolate: 21) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810591CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Strain: 17+) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810005CF                                     | Herpes Simplex Virus Type 1 (HSV-1) (Strain: MacIntyre) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810005CFHI                                   | Herpes Simplex Virus Type 1 (HSV-1) (Strain: MacIntyre) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810005-0.5mg                                 | Herpes Simplex Virus Type 1 (HSV-1) (Strain: MacIntyre) Lysate (0.5 mg)                        | RUO        |
| 0810005                                       | Herpes Simplex Virus Type 1 (HSV-1) (Strain: MacIntyre) Lysate (1 mg)                          | RUO        |
| 0810006CFN                                    | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 1) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810203CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 2) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810203CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 2) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810204CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 3) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810204CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 3) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810205CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 4) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810205CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 4) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810206CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 5) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810206CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 5) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810207CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 6) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810207CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 6) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810208CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 7) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810208CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 7) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810209CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 8) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810209CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 8) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810210CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 9) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810210CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 9) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810211CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 10) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810211CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 10) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810212CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 11) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810212CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 11) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810213CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 12) Culture Fluid (1 mL)                         | MTA HI RUO |

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|-----------------------------------------------|------------------------------------------------------------------------------------------|------------|
| <b>Herpes Simplex Virus (HSV) (continued)</b> |                                                                                          |            |
| 0810213CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 12) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810214CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 13) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810214CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 13) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810215CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 14) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810215CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 14) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810216CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 15) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810216CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 15) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810217CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 16) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810217CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 16) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810218CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 17) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810218CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 17) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810219CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 18) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810219CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 18) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810220CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 19) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810220CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 19) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810221CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 20) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810221CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 20) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810222CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 21) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810222CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Isolate: 21) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810592CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Strain: HG52) Culture Fluid (1 mL)                  | MTA HI RUO |
| 0810006CF                                     | Herpes Simplex Virus Type 2 (HSV-2) (Strain: MS) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810006CFHI                                   | Herpes Simplex Virus Type 2 (HSV-2) (Strain: MS) Culture Fluid, Heat Inactivated (1 mL)  | RUO        |
| 0810006-0.5mg                                 | Herpes Simplex Virus Type 2 (HSV-2) (Strain: MS) Lysate (0.5 mg)                         | RUO        |
| 0810006                                       | Herpes Simplex Virus Type 2 (HSV-2) (Strain: MS) Lysate (1 mg)                           | RUO        |
| <b>Histoplasma capsulatum-S. cerevisiae</b>   |                                                                                          |            |
| 0801676                                       | Histoplasma capsulatum-S. cerevisiae Recombinant, titered (1 mL)                         | MTA HI RUO |
| 0801676DNA-1UG                                | Histoplasma capsulatum-S.cerevisiae Recombinant, DNA (1 µg)                              | RUO        |
| <b>Human Herpes Virus (HHV)</b>               |                                                                                          |            |
| 0810529CF                                     | Human Herpes Virus Type 6A (HHV-6A) (Strain: GS) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810072CF                                     | Human Herpes Virus Type 6B (HHV-6B) (Strain: Z29) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810071CF                                     | Human Herpes Virus Type 7 (HHV-7) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810104CF                                     | Human Herpes Virus Type 8 (HHV-8) Culture Fluid (1 mL)                                   | MTA HI RUO |
| <b>Human Immunodeficiency Virus (HIV)</b>     |                                                                                          |            |
| 0810028CF                                     | HIV Type 1 (HIV-1) (Strain: BaL) Culture Fluid (1 mL)                                    | MTA HI RUO |
| 0810028CFHI                                   | HIV Type 1 (HIV-1) (Strain: BaL) Culture Fluid, Heat Inactivated (1 mL)                  | RUO        |
| 0810028-0.5MG                                 | HIV Type 1 (HIV-1) (Strain: BaL) Lysate (0.5 mg)                                         | RUO        |
| 0810028                                       | HIV Type 1 (HIV-1) (Strain: BaL) Lysate (1 mg)                                           | RUO        |
| 0801032CF                                     | HIV Type 1 (HIV-1) (Strain: IIIB) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0801032CFHI                                   | HIV Type 1 (HIV-1) (Strain: IIIB) Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0801032                                       | HIV Type 1 (HIV-1) (Strain: IIIB) Lysate (1 mg)                                          | RUO        |
| 0810027CF                                     | HIV Type 1 (HIV-1) (Strain: Mn) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810027CFHI                                   | HIV Type 1 (HIV-1) (Strain: Mn) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810027-0.5MG                                 | HIV Type 1 (HIV-1) (Strain: Mn) Lysate (0.5 mg)                                          | RUO        |
| 0810027                                       | HIV Type 1 (HIV-1) (Strain: Mn) Lysate (1 mg)                                            | RUO        |
| 0810029CF                                     | HIV Type 2 (HIV-2) (Strain: NIH-Z) Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810029CFHI                                   | HIV Type 2 (HIV-2) (Strain: NIH-Z) Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810029-0.5MG                                 | HIV Type 2 (HIV-2) (Strain: NIH-Z) Lysate (0.5 mg)                                       | RUO        |
| 0810029                                       | HIV Type 2 (HIV-2) (Strain: NIH-Z) Lysate (1 mg)                                         | RUO        |

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|-------------------------------------|----------------------------------------------------------------------------------------|------------|
| <b>Human Metapneumovirus (hMPV)</b> |                                                                                        |            |
| 0810156CF                           | Human Metapneumovirus 03 Type B1 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810156CFHI                         | Human Metapneumovirus 03 Type B1 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810156-0.5MG                       | Human Metapneumovirus 03 Type B1 Lysate (0.5 mg)                                       | RUO        |
| 0810156                             | Human Metapneumovirus 03 Type B1 Lysate (1 mg)                                         | RUO        |
| 0810157CF                           | Human Metapneumovirus 04 Type B2 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810157CFHI                         | Human Metapneumovirus 04 Type B2 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810158CF-CL                        | Human Metapneumovirus 05 Type B1 Cell Free Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810158CF                           | Human Metapneumovirus 05 Type B1 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810158CFHI                         | Human Metapneumovirus 05 Type B1 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810159CF                           | Human Metapneumovirus 08 Type B2 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810159CFHI                         | Human Metapneumovirus 08 Type B2 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810160CF                           | Human Metapneumovirus 09 Type A1 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810160CFHI                         | Human Metapneumovirus 09 Type A1 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810160-0.5MG                       | Human Metapneumovirus 09 Type A1 Lysate (0.5 mg)                                       | RUO        |
| 0810160                             | Human Metapneumovirus 09 Type A1 Lysate (1 mg)                                         | RUO        |
| 0810161CF-CL                        | Human Metapneumovirus 16 Type A1 Cell Free Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810161CF                           | Human Metapneumovirus 16 Type A1 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810161CFHI                         | Human Metapneumovirus 16 Type A1 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810162CF                           | Human Metapneumovirus 18 Type B2 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810162CFHI                         | Human Metapneumovirus 18 Type B2 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810162-0.5MG                       | Human Metapneumovirus 18 Type B2 Lysate (0.5 mg)                                       | RUO        |
| 0810162                             | Human Metapneumovirus 18 Type B2 Lysate (1 mg)                                         | RUO        |
| 0810164CF-CL                        | Human Metapneumovirus 27 Type A2 Cell Free Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810164CF                           | Human Metapneumovirus 27 Type A2 Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810164CFHI                         | Human Metapneumovirus 27 Type A2 Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| <b>Human Parvovirus</b>             |                                                                                        |            |
| 0810064C                            | Human Parvovirus B19 Concentrate (1 mL)                                                | RUO        |
| <b>Human T-Lymphotropic Virus</b>   |                                                                                        |            |
| 0801033CF                           | Human T-Lymphotropic Virus Type I (HTLV-I) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0801033CFHI                         | Human T-Lymphotropic Virus Type I (HTLV-I) Culture Fluid, Heat Inactivated (1 mL)      | RUO        |
| 0801033                             | Human T-Lymphotropic Virus Type I (HTLV-I) Lysate (1 mg)                               | RUO        |
| 0810039CF                           | Human T-Lymphotropic Virus Type II (HTLV-II) Culture Fluid (1 mL)                      | MTA HI RUO |
| 0810039CFHI                         | Human T-Lymphotropic Virus Type II (HTLV-II) Culture Fluid, Heat Inactivated (1 mL)    | RUO        |
| 0810039-0.5MG                       | Human T-Lymphotropic Virus Type II (HTLV-II) Lysate (0.5 mg)                           | RUO        |
| 0810039                             | Human T-Lymphotropic Virus Type II (HTLV-II) Lysate (1 mg)                             | RUO        |
| <b>Ilheus Virus</b>                 |                                                                                        |            |
| 0810094CF                           | Ilheus Virus (Strain: Original) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810094CFHI                         | Ilheus Virus (Strain: Original) Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| <b>Influenza</b>                    |                                                                                        |            |
| 0810585CF                           | Influenza A H1N1 (Brisbane/02/18) Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810585CF-20UL                      | Influenza A H1N1 (Brisbane/02/18) Culture Fluid (20 µL)                                | MTA HI RUO |
| 0810585CFHI                         | Influenza A H1N1 (Brisbane/02/18) Culture Fluid, Heat Inactivated (1 mL)               | RUO        |
| 0810244CF                           | Influenza A H1N1 (Brisbane/59/07) Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810244CFHI                         | Influenza A H1N1 (Brisbane/59/07) Culture Fluid, Heat Inactivated (1 mL)               | RUO        |
| 0810610CF                           | Influenza A H1N1 (Guangdong-Maonan/SWL-1536/19) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810610CFHI                         | Influenza A H1N1 (Guangdong-Maonan/SWL-1536/19) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810538CF                           | Influenza A H1N1 (Michigan/45/15) Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810538CFHI                         | Influenza A H1N1 (Michigan/45/15) Culture Fluid, Heat Inactivated (1 mL)               | RUO        |

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|------------------------------|--------------------------------------------------------------------------------------|-----------------|
| <b>Influenza (continued)</b> |                                                                                      |                 |
| 0810036CF                    | Influenza A H1N1 (New Cal/20/99) Culture Fluid (1 mL)                                | MTA HI RUO      |
| 0810036CFHI                  | Influenza A H1N1 (New Cal/20/99) Culture Fluid, Heat Inactivated (1 mL)              | RUO             |
| 0810036-0.5MG                | Influenza A H1N1 (New Cal/20/99) Lysate (0.5 mg)                                     | RUO             |
| 0810036                      | Influenza A H1N1 (New Cal/20/99) Lysate (1 mg)                                       | RUO             |
| 0810245CF                    | Influenza A H1N1 (PR/8/34) Culture Fluid (1 mL)                                      | MTA HI RUO      |
| 0810245CFHI                  | Influenza A H1N1 (PR/8/34) Culture Fluid, Heat Inactivated (1 mL)                    | RUO             |
| 0810246CF                    | Influenza A H1N1 (Singapore/63/04) Culture Fluid (1 mL)                              | MTA HI RUO      |
| 0810246CFHI                  | Influenza A H1N1 (Singapore/63/04) Culture Fluid, Heat Inactivated (1 mL)            | RUO             |
| 0810036CFN                   | Influenza A H1N1 (Solomon Islands/03/06) Culture Fluid (1 mL)                        | MTA HI RUO      |
| 0810036CFNHI                 | Influenza A H1N1 (Solomon Islands/03/06) Culture Fluid, Heat Inactivated (1 mL)      | RUO             |
| 0810247CF                    | Influenza A H1N1 (Taiwan/42/06) Culture Fluid (1 mL)                                 | MTA HI RUO      |
| 0810247CFHI                  | Influenza A H1N1 (Taiwan/42/06) Culture Fluid, Heat Inactivated (1 mL)               | RUO             |
| 0810663CF                    | Influenza A H1N1 (Victoria/2570/19) Culture Fluid (1 mL)                             | MTA HI RUO      |
| 0810663CFHI                  | Influenza A H1N1 (Victoria/2570/19) Culture Fluid, Heat Inactivated (1 mL)           | RUO             |
| 0810684CF                    | Influenza A H1N1 (Victoria/4897/22) Culture Fluid (1 mL)                             | MTA HI RUO      |
| 0810684CFHI                  | Influenza A H1N1 (Victoria/4897/22) Culture Fluid, Heat Inactivated (1 mL)           | RUO             |
| 0810687CF                    | Influenza A H1N1 (Wisconsin/588/19) Culture Fluid (1 mL)                             | MTA HI RUO      |
| 0810685CF                    | Influenza A H1N1 (Wisconsin/67/22) Culture Fluid (1 mL)                              | MTA HI RUO      |
| 0810685CFHI                  | Influenza A H1N1 (Wisconsin/67/22) Culture Fluid, Heat Inactivated (1 mL)            | RUO             |
| 0810593CFHI                  | Influenza A H1N1 (WSN/33) Culture Fluid, Heat Inactivated (1 mL)                     | RUO             |
| 0810260CF                    | Influenza A H1N1 Oseltamivir-R (Isolate 1) Culture Fluid (1 mL)                      | MTA HI RUO      |
| 0810260CFHI                  | Influenza A H1N1 Oseltamivir-R (Isolate 1) Culture Fluid, Heat Inactivated (1 mL)    | RUO             |
| 0810261CF                    | Influenza A H1N1 Oseltamivir-R (Isolate 2) Culture Fluid (1 mL)                      | MTA HI RUO      |
| 0810261CFHI                  | Influenza A H1N1 Oseltamivir-R (Isolate 2) Culture Fluid, Heat Inactivated (1 mL)    | RUO             |
| 0810262CF                    | Influenza A H1N1 Oseltamivir-R (Isolate 3) Culture Fluid (1 mL)                      | MTA HI RUO      |
| 0810262CFHI                  | Influenza A H1N1 Oseltamivir-R (Isolate 3) Culture Fluid, Heat Inactivated (1 mL)    | RUO             |
| 0810165CF                    | Influenza A H1N1pdm (California/07/09) Culture Fluid (1 mL)                          | MTA HI USDA RUO |
| 0810165CFHI                  | Influenza A H1N1pdm (California/07/09) Culture Fluid, Heat Inactivated (1 mL)        | RUO             |
| 0810165-0.5MG                | Influenza A H1N1pdm (California/07/09) Lysate (0.5 mg)                               | RUO             |
| 0810165                      | Influenza A H1N1pdm (California/07/09) Lysate (1 mg)                                 | RUO             |
| 0810109CFJ                   | Influenza A H1N1pdm (Canada/6294/09) Culture Fluid (1 mL)                            | MTA HI USDA RUO |
| 0810109CFJHI                 | Influenza A H1N1pdm (Canada/6294/09) Culture Fluid, Heat Inactivated (1 mL)          | RUO             |
| 0810166CF                    | Influenza A H1N1pdm (Mexico/4108/09) Culture Fluid (1 mL)                            | MTA HI USDA RUO |
| 0810166CFHI                  | Influenza A H1N1pdm (Mexico/4108/09) Culture Fluid, Heat Inactivated (1 mL)          | RUO             |
| 0810519CF                    | Influenza A H1N1pdm (New York/18/09) Culture Fluid (1 mL)                            | MTA HI USDA RUO |
| 0810519CFHI                  | Influenza A H1N1pdm (New York/18/09) Culture Fluid, Heat Inactivated (1 mL)          | RUO             |
| 0810248CF                    | Influenza A H1N1pdm (NY/01/09) Culture Fluid (1 mL)                                  | MTA HI USDA RUO |
| 0810248CFHI                  | Influenza A H1N1pdm (NY/01/09) Culture Fluid, Heat Inactivated (1 mL)                | RUO             |
| 0810109CFN                   | Influenza A H1N1pdm (NY/02/09) Culture Fluid (1 mL)                                  | MTA HI USDA RUO |
| 0810109CFNHI                 | Influenza A H1N1pdm (NY/02/09) Culture Fluid, Heat Inactivated (1 mL)                | RUO             |
| 0810249CF                    | Influenza A H1N1pdm (NY/03/09) Culture Fluid (1 mL)                                  | MTA HI USDA RUO |
| 0810249CFHI                  | Influenza A H1N1pdm (NY/03/09) Culture Fluid, Heat Inactivated (1 mL)                | RUO             |
| 0810520CF                    | Influenza A H1N1pdm Oseltamivir-R (Isolate 1) Culture Fluid (1 mL)                   | MTA HI USDA RUO |
| 0810311CFN                   | Influenza A H1N1pdm Oseltamivir-R (Isolate 2) Culture Fluid (1 mL)                   | MTA HI USDA RUO |
| 0810311CFNHI                 | Influenza A H1N1pdm Oseltamivir-R (Isolate 2) Culture Fluid, Heat Inactivated (1 mL) | RUO             |
| 0810138CF                    | Influenza A H3N2 (Brisbane/10/07) Culture Fluid (1 mL)                               | MTA HI RUO      |
| 0810138CFHI                  | Influenza A H3N2 (Brisbane/10/07) Culture Fluid, Heat Inactivated (1 mL)             | RUO             |
| 0810506CF                    | Influenza A H3N2 (California/7/04) Culture Fluid (1 mL)                              | MTA HI RUO      |
| 0810506CFHI                  | Influenza A H3N2 (California/7/04) Culture Fluid, Heat Inactivated (1 mL)            | RUO             |
| 0810647CF                    | Influenza A H3N2 (Cambodia/E0826360/20) Culture Fluid (1 mL)                         | MTA HI RUO      |
| 0810649CF                    | Influenza A H3N2 (Darwin/6/21) Culture Fluid (1 mL)                                  | MTA HI RUO      |

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| Item Number                  | Description                                                                           | Use*       |
|------------------------------|---------------------------------------------------------------------------------------|------------|
| <b>Influenza (continued)</b> |                                                                                       |            |
| 0810650CF                    | Influenza A H3N2 (Darwin/9/21) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810609CF                    | Influenza A H3N2 (Hong Kong/2671/19) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810609CFHI                  | Influenza A H3N2 (Hong Kong/2671/19) Culture Fluid, Heat Inactivated (1 mL)           | RUO        |
| 0810526CF                    | Influenza A H3N2 (Hong Kong/4801/14) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810526CF-20UL               | Influenza A H3N2 (Hong Kong/4801/14) Culture Fluid (20 µL)                            | MTA HI RUO |
| 0810526CFHI                  | Influenza A H3N2 (Hong Kong/4801/14) Culture Fluid, Heat Inactivated (1 mL)           | RUO        |
| 0810250CF                    | Influenza A H3N2 (Hong Kong/8/68) Culture Fluid (1 mL)                                | MTA HI RUO |
| 0810250CFHI                  | Influenza A H3N2 (Hong Kong/8/68) Culture Fluid, Heat Inactivated (1 mL)              | RUO        |
| 0810250-0.5MG                | Influenza A H3N2 (Hong Kong/8/68) Lysate (0.5 mg)                                     | RUO        |
| 0810250                      | Influenza A H3N2 (Hong Kong/8/68) Lysate (1 mg)                                       | RUO        |
| 0810586CF                    | Influenza A H3N2 (Kansas/14/17) Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810586CFHI                  | Influenza A H3N2 (Kansas/14/17) Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810568CF                    | Influenza A H3N2 (Kumamoto/102/02) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810568CFHI                  | Influenza A H3N2 (Kumamoto/102/02) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810648CF                    | Influenza A H3N2 (Michigan/173/20) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810514CF                    | Influenza A H3N2 (Norway/466/14) Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810514CFHI                  | Influenza A H3N2 (Norway/466/14) Culture Fluid, Heat Inactivated (1 mL)               | RUO        |
| 0810251CF                    | Influenza A H3N2 (Perth/16/09) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810251CFHI                  | Influenza A H3N2 (Perth/16/09) Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810574CF                    | Influenza A H3N2 (Singapore/INFIMH-16-0019/16) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810574CFHI                  | Influenza A H3N2 (Singapore/INFIMH-16-0019/16) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810512CF                    | Influenza A H3N2 (South Australia/55/14) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810512CFHI                  | Influenza A H3N2 (South Australia/55/14) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810513CF                    | Influenza A H3N2 (Stockholm/6/14) Culture Fluid (1 mL)                                | MTA HI RUO |
| 0810513CFHI                  | Influenza A H3N2 (Stockholm/6/14) Culture Fluid, Heat Inactivated (1 mL)              | RUO        |
| 0810511CF                    | Influenza A H3N2 (Switzerland/9715293/13) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810511CFHI                  | Influenza A H3N2 (Switzerland/9715293/13) Culture Fluid, Heat Inactivated (1 mL)      | RUO        |
| 0810646CF                    | Influenza A H3N2 (Tasmania/503/20) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810238CF                    | Influenza A H3N2 (Texas/50/12) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810238CFHI                  | Influenza A H3N2 (Texas/50/12) Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810240CF                    | Influenza A H3N2 (Victoria/361/11) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810240CFHI                  | Influenza A H3N2 (Victoria/361/11) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810252CF                    | Influenza A H3N2 (Wisconsin/67/05) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810252CFHI                  | Influenza A H3N2 (Wisconsin/67/05) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810572CF                    | Influenza B (Alabama/02/17) Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810572CFHI                  | Influenza B (Alabama/02/17) Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |
| 0810654CF                    | Influenza B (Austria/1359417/21) Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810654CFHI                  | Influenza B (Austria/135417/21) Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810507CF                    | Influenza B (Brisbane/3/07) Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810507CFHI                  | Influenza B (Brisbane/3/07) Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |
| 0810253CF                    | Influenza B (Brisbane/33/08) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810253CFHI                  | Influenza B (Brisbane/33/08) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810651CF                    | Influenza B (Brisbane/35/18) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810508CF                    | Influenza B (Brisbane/36/12) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810508CFHI                  | Influenza B (Brisbane/36/12) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810528CF                    | Influenza B (Brisbane/46/15) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810528CFHI                  | Influenza B (Brisbane/46/15) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810510CF                    | Influenza B (Brisbane/9/14) Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810510CFHI                  | Influenza B (Brisbane/9/14) Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |
| 0810573CF                    | Influenza B (Colorado/6/17) Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810573CFHI                  | Influenza B (Colorado/6/17) Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |

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| Item Number                  | Description                                                                    | Use*       |
|------------------------------|--------------------------------------------------------------------------------|------------|
| <b>Influenza (continued)</b> |                                                                                |            |
| 0810037CF                    | Influenza B (Florida/02/06) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810037CFHI                  | Influenza B (Florida/02/06) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810037-0.5MG                | Influenza B (Florida/02/06) Lysate (0.5 mg)                                    | RUO        |
| 0810037                      | Influenza B (Florida/02/06) Lysate (1 mg)                                      | RUO        |
| 0810255CF                    | Influenza B (Florida/04/06) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810255CFHI                  | Influenza B (Florida/04/06) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810256CF                    | Influenza B (Florida/07/04) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810256CFHI                  | Influenza B (Florida/07/04) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810570CF                    | Influenza B (Guangdong/120/00) Culture Fluid (1 mL)                            | MTA HI RUO |
| 0810570CFHI                  | Influenza B (Guangdong/120/00) Culture Fluid, Heat Inactivated (1 mL)          | RUO        |
| 0810569CF                    | Influenza B (Hawaii/10/01) Culture Fluid (1 mL)                                | MTA HI RUO |
| 0810569CFHI                  | Influenza B (Hawaii/10/01) Culture Fluid, Heat Inactivated (1 mL)              | RUO        |
| 0810653CF                    | Influenza B (Hong Kong/574/19) Culture Fluid (1 mL)                            | MTA HI RUO |
| 0810257CF                    | Influenza B (Lee/40) Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810257CFHI                  | Influenza B (Lee/40) Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |
| 0810258CF                    | Influenza B (Malaysia/2506/04) Culture Fluid (1 mL)                            | MTA HI RUO |
| 0810258CFHI                  | Influenza B (Malaysia/2506/04) Culture Fluid, Heat Inactivated (1 mL)          | RUO        |
| 0810239CF                    | Influenza B (Massachusetts/2/12) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810239CFHI                  | Influenza B (Massachusetts/2/12) Culture Fluid, Heat Inactivated (1 mL)        | RUO        |
| 0810239-0.5MG                | Influenza B (Massachusetts/2/12) Lysate (0.5 mg)                               | RUO        |
| 0810239                      | Influenza B (Massachusetts/2/12) Lysate (1 mg)                                 | RUO        |
| 0810656CF                    | Influenza B (Michigan/01/21) Culture Fluid (1 mL)                              | MTA HI RUO |
| 0810259CF                    | Influenza B (Panama/45/90) Culture Fluid (1 mL)                                | MTA HI RUO |
| 0810259CFHI                  | Influenza B (Panama/45/90) Culture Fluid, Heat Inactivated (1 mL)              | RUO        |
| 0810515CF                    | Influenza B (Phuket/3073/13) Culture Fluid (1 mL)                              | MTA HI RUO |
| 0810515CF-20UL               | Influenza B (Phuket/3073/13) Culture Fluid (20 µL)                             | MTA HI RUO |
| 0810515CFHI                  | Influenza B (Phuket/3073/13) Culture Fluid, Heat Inactivated (1 mL)            | RUO        |
| 0810655CF                    | Influenza B (Singapore/WUH4618/21) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810527CF                    | Influenza B (Texas/2/13) Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810527CFHI                  | Influenza B (Texas/2/13) Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810242CF                    | Influenza B (Texas/6/11) Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810242CFHI                  | Influenza B (Texas/6/11) Culture Fluid, Heat Inactivated (1 mL)                | RUO        |
| 0810516CF                    | Influenza B (Utah/9/14) Culture Fluid (1 mL)                                   | MTA HI RUO |
| 0810516CFHI                  | Influenza B (Utah/9/14) Culture Fluid, Heat Inactivated (1 mL)                 | RUO        |
| 0810517CF                    | Influenza B (Victoria/2/87) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810517CFHI                  | Influenza B (Victoria/2/87) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810571CF                    | Influenza B (Victoria/504/00) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810571CFHI                  | Influenza B (Victoria/504/00) Culture Fluid, Heat Inactivated (1 mL)           | RUO        |
| 0810652CF                    | Influenza B (Victoria/705/18) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810611CF                    | Influenza B (Washington/02/19) Culture Fluid (1 mL)                            | MTA HI RUO |
| 0810611CF-20UL               | Influenza B (Washington/02/19) Culture Fluid (20 µL)                           | MTA HI RUO |
| 0810611CFHI                  | Influenza B (Washington/02/19) Culture Fluid, Heat Inactivated (1 mL)          | RUO        |
| 0810241CF                    | Influenza B (Wisconsin/1/10) Culture Fluid (1 mL)                              | MTA HI RUO |
| 0810241CFHI                  | Influenza B (Wisconsin/1/10) Culture Fluid, Heat Inactivated (1 mL)            | RUO        |
| 0810518CF                    | Influenza B (Yamagata/16/88) Culture Fluid (1 mL)                              | MTA HI RUO |
| 0810518CFHI                  | Influenza B (Yamagata/16/88) Culture Fluid, Heat Inactivated (1 mL)            | RUO        |
| 0810566CF                    | Influenza C (Sendai/TU2/08) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810567CF                    | Influenza D (Novine/Mississippi/C00046N/14) Culture Fluid (1 mL)               | MTA HI RUO |
| 0810509CF                    | Influenza A (Christchurch/16/2010 H1N1 x NYMC X-157 H3N2) Culture Fluid (1 mL) | MTA HI RUO |

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| Item Number                      | Description                                               | Use*       |
|----------------------------------|-----------------------------------------------------------|------------|
| <b>Kingella denitrificans</b>    |                                                           |            |
| 0804004                          | Kingella denitrificans Z172, titered (1 mL)               | MTA HI RUO |
| <b>Kingella kingae</b>           |                                                           |            |
| 0804005                          | Kingella kingae Z173, titered (1 mL)                      | MTA HI RUO |
| <b>Klebsiella aerogenes</b>      |                                                           |            |
| 0801518DNA-10UG                  | Klebsiella aerogenes Z052, DNA (10 µg)                    | RUO        |
| 0801518                          | Klebsiella aerogenes Z052, titered (1 mL)                 | MTA HI RUO |
| <b>Klebsiella oxytoca</b>        |                                                           |            |
| 0801881                          | Klebsiella oxytoca Z115, titered (1 mL)                   | MTA HI RUO |
| <b>Klebsiella pneumoniae</b>     |                                                           |            |
| 0801886                          | Klebsiella pneumoniae KPC-2, titered (1 mL)               | MTA HI RUO |
| 0804295                          | Klebsiella pneumoniae KPC-3, titered (1 mL)               | MTA HI RUO |
| 0801506DNA-10UG                  | Klebsiella pneumoniae Z026, DNA (10 µg)                   | RUO        |
| 0801506                          | Klebsiella pneumoniae Z026, titered (1 mL)                | MTA HI RUO |
| 0801904                          | Klebsiella pneumoniae Z135; IMP-13, CTX-M, titered (1 mL) | MTA HI RUO |
| 0801907                          | Klebsiella pneumoniae Z138; OXA-48, CTX-M, titered (1 mL) | MTA HI RUO |
| <b>Lactobacillus acidophilus</b> |                                                           |            |
| 0801540                          | Lactobacillus acidophilus Z048, titered (1 mL)            | MTA HI RUO |
| <b>Levilactobacillus brevis</b>  |                                                           |            |
| 0801541                          | Levilactobacillus brevis, titered (1 mL)                  | MTA HI RUO |
| <b>Lactobacillus crispatus</b>   |                                                           |            |
| 0804143                          | Lactobacillus crispatus Z246, titered (1 mL)              | MTA HI RUO |
| <b>Lactobacillus gasseri</b>     |                                                           |            |
| 0804327                          | Lactobacillus gasseri Z387, titered (1 mL)                | MTA HI RUO |
| <b>Lactobacillus iners</b>       |                                                           |            |
| 0804261                          | Lactobacillus iners Z243, titered (1 mL)                  | MTA HI RUO |
| <b>Lactobacillus jensenii</b>    |                                                           |            |
| 0804260                          | Lactobacillus jensenii Z264, titered (1 mL)               | MTA HI RUO |
| <b>Lactobacillus lactis</b>      |                                                           |            |
| 0804157                          | Lactobacillus lactis Z251, titered (1 mL)                 | MTA HI RUO |
| <b>Lactobacillus oris</b>        |                                                           |            |
| 0804368                          | Lactobacillus oris Z487, titered (1 mL)                   | MTA HI RUO |
| <b>Lactobacillus plantarum</b>   |                                                           |            |
| 0804436                          | Lactobacillus plantarum Z524, titered (1 mL)              | MTA HI RUO |
| <b>Lactobacillus reuteri</b>     |                                                           |            |
| 0804322                          | Lactobacillus reuteri Z333, titered (1 mL)                | MTA HI RUO |
| <b>Lactobacillus salivarius</b>  |                                                           |            |
| 0804362                          | Lactobacillus salivarius Z474, titered (1 mL)             | MTA HI RUO |
| <b>Lactobacillus vaginalis</b>   |                                                           |            |
| 0804301                          | Lactobacillus vaginalis Z330, titered (1 mL)              | MTA HI RUO |
| <b>Lactococcus lactis</b>        |                                                           |            |
| 0804006                          | Lactococcus lactis Z169, titered (1 mL)                   | MTA HI RUO |
| <b>Legionella longbeachae</b>    |                                                           |            |
| 0801577                          | Legionella longbeachae Long Beach 4, titered (1 mL)       | MTA HI RUO |
| <b>Legionella pneumophila</b>    |                                                           |            |
| 0801645                          | Legionella pneumophila Philadelphia, titered (1 mL)       | MTA HI RUO |
| 0804007                          | Legionella pneumophila Z395, titered (1 mL)               | MTA HI RUO |
| <b>Leminorella grimonitii</b>    |                                                           |            |
| 0804070                          | Leminorella grimonitii Z364, titered (1 mL)               | MTA HI RUO |

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|----------------------------------|--------------------------------------------------------------------------------------------|------------|
| <b>Leuconostoc mesenteroides</b> |                                                                                            |            |
| 0804151                          | Leuconostoc mesenteroides Z197, titered (1 mL)                                             | MTA HI RUO |
| <b>Listeria innocua</b>          |                                                                                            |            |
| 0804233                          | Listeria innocua Z287, titered (1 mL)                                                      | MTA HI RUO |
| <b>Listeria monocytogenes</b>    |                                                                                            |            |
| 0801534DNA-10UG                  | Listeria monocytogenes serotype 1/2b, DNA (10 µg)                                          | RUO        |
| 0801534                          | Listeria monocytogenes serotype 1/2b, titered (1 mL)                                       | MTA HI RUO |
| 0801508                          | Listeria monocytogenes serotype 4a, titered (1 mL)                                         | MTA HI RUO |
| 0804339                          | Listeria monocytogenes serotype 4b, titered (1 mL)                                         | MTA HI RUO |
| <b>Mayaro Virus</b>              |                                                                                            |            |
| 0810535CF                        | Mayaro Virus (Strain: D 218) Culture Fluid (1 mL)                                          | MTA HI RUO |
| 0810535CFHI                      | Mayaro Virus (Strain: D 218) Culture Fluid, Heat Inactivated (1 mL)                        | RUO        |
| 0810536CF                        | Mayaro Virus (Strain: TRVL 15537) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810536CFHI                      | Mayaro Virus (Strain: TRVL 15537) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810537CF                        | Mayaro Virus (Strain: TRVL 4675) Culture Fluid (1 mL)                                      | MTA HI RUO |
| 0810537CFHI                      | Mayaro Virus (Strain: TRVL 4675) Culture Fluid, Heat Inactivated (1 mL)                    | RUO        |
| <b>Measles Virus</b>             |                                                                                            |            |
| 0810542CF                        | Measles Virus Genotype B2 (Isolate: 2006) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810542CFHI                      | Measles Virus Genotype B3 (Isolate: 2006) Culture Fluid, Heat Inactivated (1 mL)           | RUO        |
| 0810025CF-CL                     | Measles Virus (Strain: Edmonston) Cell Free Culture Fluid (1 mL)                           | MTA HI RUO |
| 0810025CF                        | Measles Virus (Strain: Edmonston) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810025CFHI                      | Measles Virus (Strain: Edmonston) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810025-0.5MG                    | Measles Virus (Strain: Edmonston) Lysate (0.5 mg)                                          | RUO        |
| 0810025                          | Measles Virus (Strain: Edmonston) Lysate (1 mg)                                            | RUO        |
| 0810596CF                        | Measles Virus (Strain: Mvi/London.UNK/4.02) Culture Fluid (1 mL)                           | MTA HI RUO |
| 0810597CF                        | Measles Virus (Strain: Mvs/London.GBR/25.07) Culture Fluid (1 mL)                          | MTA HI RUO |
| 0810595CF                        | Measles Virus (Strain: Schwartz) Culture Fluid (1 mL)                                      | MTA HI RUO |
| <b>MERS-Coronavirus</b>          |                                                                                            |            |
| 0810575CF                        | MERS-CoV (Strain: Florida/USA-2_Saudi Arabia_2014) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810575CFHI                      | MERS-CoV (Strain: Florida/USA-2_Saudi Arabia_2014) Culture Fluid, Heat Inactivated (1 mL)  | RUO        |
| <b>Micrococcus luteus</b>        |                                                                                            |            |
| 0801832                          | Micrococcus luteus Z100, titered (1 mL)                                                    | MTA HI RUO |
| <b>Mobiluncus curtisii</b>       |                                                                                            |            |
| 0804141                          | Mobiluncus curtisii Z245, titered (1 mL)                                                   | MTA HI RUO |
| <b>Mobiluncus mulieris</b>       |                                                                                            |            |
| 0804116                          | Mobiluncus mulieris Z366, titered (1 mL)                                                   | MTA HI RUO |
| <b>Moraxella catarrhalis</b>     |                                                                                            |            |
| 0801509                          | Moraxella catarrhalis Ne 11, titered (1 mL)                                                | MTA HI RUO |
| <b>Moraxella lacunata</b>        |                                                                                            |            |
| 0804008                          | Moraxella lacunata Z203, titered (1 mL)                                                    | MTA HI RUO |
| <b>Moraxella osloensis</b>       |                                                                                            |            |
| 0804009                          | Moraxella osloensis Z396, titered (1 mL)                                                   | MTA HI RUO |
| <b>Morganella morganii</b>       |                                                                                            |            |
| 0804010                          | Morganella morganii Z198, titered (1 mL)                                                   | MTA HI RUO |
| <b>Mpox</b>                      |                                                                                            |            |
| 0810657CFHI                      | Mpox Virus "lineage B.1 clade IIb" (USA/MA001/2022) Culture Fluid, Heat Inactivated (1 mL) | CCL RUO    |
| <b>Mucor indicus</b>             |                                                                                            |            |
| 0801761DNA-1UG                   | Mucor indicus Z079, DNA (1 µg)                                                             | RUO        |
| 0801761                          | Mucor indicus Z079, titered (1 mL)                                                         | MTA HI RUO |
| <b>Mumps Virus</b>               |                                                                                            |            |
| 0810079CF-CL                     | Mumps Virus (Isolate: 1) Cell Free Culture Fluid (1 mL)                                    | RUO        |

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|-----------------------------------|-----------------------------------------------------------------------------------|------------|
| <b>Mumps Virus (continued)</b>    |                                                                                   |            |
| 0810079CF                         | Mumps Virus (Isolate: 1) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810079CFHI                       | Mumps Virus (Isolate: 1) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810079-0.5MG                     | Mumps Virus (Isolate: 1) Lysate (0.5 mg)                                          | RUO        |
| 0810079                           | Mumps Virus (Isolate: 1) Lysate (1 mg)                                            | RUO        |
| 0810176CF                         | Mumps Virus (Isolate: 2) Culture Fluid (1 mL)                                     | MTA HI RUO |
| 0810176CFHI                       | Mumps Virus (Isolate: 2) Culture Fluid, Heat Inactivated (1 mL)                   | RUO        |
| 0810544CF                         | Mumps Virus Genotype G-193 (Isolate: 2017) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810544CFHI                       | Mumps Virus Genotype G-193 (Isolate: 2017) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810545CF                         | Mumps Virus Genotype G-198 (Isolate: 2017) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810545CFHI                       | Mumps Virus Genotype G-198 (Isolate: 2017) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810546CF                         | Mumps Virus Genotype G-799 (Isolate: 2016) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810546CFHI                       | Mumps Virus Genotype G-799 (Isolate: 2016) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| <b>Mycobacterium avium</b>        |                                                                                   |            |
| 0801663                           | Mycobacterium avium serotype 2, titered (1 mL)                                    | MTA HI RUO |
| <b>Mycobacterium gordonae</b>     |                                                                                   |            |
| 0804074                           | Mycobacterium gordonae Z380, titered (1 mL)                                       | MTA HI RUO |
| <b>Mycobacterium smegmatis</b>    |                                                                                   |            |
| 0804117                           | Mycobacterium smegmatis Z202, titered (1 mL)                                      | MTA HI RUO |
| <b>Mycobacterium tuberculosis</b> |                                                                                   |            |
| 0801660                           | Mycobacterium tuberculosis H37Ra-1, titered (1 mL)                                | MTA HI RUO |
| 0801661                           | Mycobacterium tuberculosis H37Rv-9, titered (1 mL) (BSL-3)                        | MTA HI RUO |
| <b>Mycoplasma genitalium</b>      |                                                                                   |            |
| 0804094-I                         | Mycoplasma genitalium SEA-1, inactivated (1 mL)                                   | RUO        |
| <b>Mycoplasma hominis</b>         |                                                                                   |            |
| 0804011                           | Mycoplasma hominis Z317, titered (1mL)                                            | MTA HI RUO |
| <b>Mycoplasma pneumoniae</b>      |                                                                                   |            |
| 0801579DNA-10UG                   | Mycoplasma pneumoniae M129, DNA (10 µg)                                           | RUO        |
| 0801579                           | Mycoplasma pneumoniae M129, titered (1 mL)                                        | MTA HI RUO |
| <b>Mycoplasma spermatophilum</b>  |                                                                                   |            |
| 0804361                           | Mycoplasma spermatophilum Z483, titered (1 mL)                                    | MTA HI RUO |
| <b>Neisseria cinerea</b>          |                                                                                   |            |
| 0801850                           | Neisseria cinerea Z104, titered (1 mL)                                            | MTA HI RUO |
| 0801992                           | Neisseria cinerea Z397, titered (1 mL)                                            | MTA HI RUO |
| 0804017                           | Neisseria cinerea Z398, titered (1 mL)                                            | MTA HI RUO |
| 0804018                           | Neisseria cinerea Z399, titered (1 mL)                                            | MTA HI RUO |
| <b>Neisseria elongata</b>         |                                                                                   |            |
| 0804021                           | Neisseria elongata subsp. elongata Z497, titered (1 mL)                           | MTA HI RUO |
| 0804020                           | Neisseria elongata subsp. glycolytica Z401, titered (1 mL)                        | MTA HI RUO |
| 0804019                           | Neisseria elongata subsp. nitroreducens Z400, titered (1 mL)                      | MTA HI RUO |
| 0801510                           | Neisseria elongata Z071, titered (1 mL)                                           | MTA HI RUO |
| <b>Neisseria flavescens</b>       |                                                                                   |            |
| 0801782                           | Neisseria flavescens Z061, titered (1 mL)                                         | MTA HI RUO |
| 0804023                           | Neisseria flavescens Z220, titered (1 mL)                                         | MTA HI RUO |
| <b>Neisseria gonorrhoeae</b>      |                                                                                   |            |
| 0801711                           | Neisseria gonorrhoeae Z001, titered (1 mL)                                        | MTA HI RUO |
| 0801482DNA-10UG                   | Neisseria gonorrhoeae Z017, DNA (10 µg)                                           | RUO        |
| 0801482                           | Neisseria gonorrhoeae Z017, titered (1 mL)                                        | MTA HI RUO |
| 0804471                           | Neisseria gonorrhoeae Z531, titered (1mL)                                         | RUO        |
| 0804505                           | Neisseria gonorrhoeae Z545, titered (1 mL)                                        | RUO        |

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|--------------------------------|-----------------------------------------------------------------------------------|------------|
| <b>Neisseria lactamica</b>     |                                                                                   |            |
| 0801752                        | Neisseria lactamica Z041, titered (1 mL)                                          | MTA HI RUO |
| 0804024                        | Neisseria lactamica Z402, titered (1 mL)                                          | MTA HI RUO |
| 0804025                        | Neisseria lactamica Z403, titered (1 mL)                                          | MTA HI RUO |
| 0804026                        | Neisseria lactamica Z404, titered (1 mL)                                          | MTA HI RUO |
| 0804027                        | Neisseria lactamica Z405, titered (1 mL)                                          | MTA HI RUO |
| 0804119                        | Neisseria lactamica Z406, titered (1 mL)                                          | MTA HI RUO |
| 0804121                        | Neisseria lactamica Z407, titered (1 mL)                                          | MTA HI RUO |
| 0804394                        | Neisseria lactamica Z502, titered (1 mL)                                          | MTA HI RUO |
| 0804395                        | Neisseria lactamica Z503, titered (1 mL)                                          | MTA HI RUO |
| <b>Neisseria meningitidis</b>  |                                                                                   |            |
| 080151DNA-10UG                 | Neisseria meningitidis serogroup A, DNA (10 µg)                                   |            |
| 0801511                        | Neisseria meningitidis serogroup A, titered (1 mL)                                | MTA HI RUO |
| 0801986                        | Neisseria meningitidis Z408; serogroup B, titered (1 mL)                          | MTA HI RUO |
| 0801988                        | Neisseria meningitidis Z409; serogroup C, titered (1 mL)                          | MTA HI RUO |
| 0801989                        | Neisseria meningitidis Z410; serogroup C, titered (1 mL)                          | MTA HI RUO |
| 0801990                        | Neisseria meningitidis Z411; serogroup C, titered (1 mL)                          | MTA HI RUO |
| 0801991                        | Neisseria meningitidis Z412; serogroup C, titered (1 mL)                          | MTA HI RUO |
| 0801985                        | Neisseria meningitidis Z413; serogroup W135, titered (1 mL)                       | MTA HI RUO |
| 0801987                        | Neisseria meningitidis Z414; serogroup Y, titered (1 mL)                          | MTA HI RUO |
| 0804441                        | Neisseria meningitidis Z526; Serogroup D, titered (1 mL)                          | MTA HI RUO |
| <b>Neisseria mucosa</b>        |                                                                                   |            |
| 0801781                        | Neisseria mucosa Z060, titered (1 mL)                                             | MTA HI RUO |
| 0804028                        | Neisseria mucosa Z415, titered (1 mL)                                             | MTA HI RUO |
| 0804029                        | Neisseria mucosa Z416, titered (1 mL)                                             | MTA HI RUO |
| <b>Neisseria polysaccharea</b> |                                                                                   |            |
| 0804030                        | Neisseria polysaccharea Z168, titered (1 mL)                                      | MTA HI RUO |
| <b>Neisseria sicca</b>         |                                                                                   |            |
| 0801754                        | Neisseria sicca Z043, titered (1 mL)                                              | MTA HI RUO |
| 0804031                        | Neisseria sicca Z417, titered (1 mL)                                              | MTA HI RUO |
| 0804032                        | Neisseria sicca Z418, titered (1 mL)                                              | MTA HI RUO |
| <b>Neisseria subflava</b>      |                                                                                   |            |
| 0801887                        | Neisseria subflava biovar flava Z119, titered (1 mL)                              | MTA HI RUO |
| 0804034                        | Neisseria subflava biovar flava Z419, titered (1 mL)                              | MTA HI RUO |
| 0801888                        | Neisseria subflava biovar perflava Z120, titered (1 mL)                           | MTA HI RUO |
| 0804022                        | Neisseria subflava biovar perflava Z421, titered (1 mL)                           | MTA HI RUO |
| 0804033                        | Neisseria subflava biovar perflava Z422, titered (1 mL)                           | MTA HI RUO |
| 0804230                        | Neisseria subflava biovar perflava Z465, titered (1 mL)                           | MTA HI RUO |
| 0804298                        | Neisseria subflava biovar subflava Z308, titered (1 ml)                           | MTA HI RUO |
| <b>Nocardia asteroides</b>     |                                                                                   |            |
| 0801588                        | Nocardia asteroides Z090, titered (1 mL)                                          | MTA HI RUO |
| <b>Norovirus</b>               |                                                                                   |            |
| 0810086CF                      | Norovirus Group I (Recombinant) Culture Fluid (1 mL)                              | MTA HI RUO |
| 0810086CFHI                    | Norovirus Group I (Recombinant) Culture Fluid, Heat Inactivated (1 mL)            | RUO        |
| 0810087CF                      | Norovirus Group II (Recombinant) Culture Fluid (1 mL)                             | MTA HI RUO |
| 0810087CFHI                    | Norovirus Group II (Recombinant) Culture Fluid, Heat Inactivated (1 mL)           | RUO        |
| 0810087CFHI-CL                 | Norovirus Group II (Recombinant) Culture Fluid, Heat Inactivated Cell Free (1 mL) | RUO        |
| <b>Oligella urethralis</b>     |                                                                                   |            |
| 0804167                        | Oligella urethralis Z233, titered (1 mL)                                          | MTA HI RUO |

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|---------------------------------|-------------------------------------------------------------------------------------------|------------|
| <b>O'nyong'nyong Virus</b>      |                                                                                           |            |
| 0810600CF                       | O'nyong'nyong Virus (Strain: Ahero) Culture Fluid (1 mL)                                  | MTA HI RUO |
| <b>Pantoea agglomerans</b>      |                                                                                           |            |
| 0804232                         | Pantoea agglomerans Z301, titered (1 mL)                                                  | MTA HI RUO |
| <b>Paracoccus denitrificans</b> |                                                                                           |            |
| 0804043                         | Paracoccus denitrificans Z206, titered (1 mL)                                             | MTA HI RUO |
| <b>Parainfluenza Virus</b>      |                                                                                           |            |
| 0810014CFN                      | Parainfluenza Virus Type 1 (NYSDOH) Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810014CF-CL                    | Parainfluenza Virus Type 1 Cell Free Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810014CF                       | Parainfluenza Virus Type 1 Culture Fluid (1 mL)                                           | MTA HI RUO |
| 0810539CF                       | Parainfluenza Virus Type 1 Culture Fluid (1 mL)                                           | MTA HI RUO |
| 0810014CFHI                     | Parainfluenza Virus Type 1 Culture Fluid, Heat Inactivated (1 mL)                         | RUO        |
| 0810014                         | Parainfluenza Virus Type 1 Lysate (1 mg)                                                  | RUO        |
| 0810015CFN                      | Parainfluenza Virus Type 2 (NYSDOH) Culture Fluid (1 mL)                                  | MTA HI RUO |
| 0810354CF                       | Parainfluenza Virus Type 2 (1/2015 Isolate 1) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810355CF                       | Parainfluenza Virus Type 2 (1/2015 Isolate 2) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810356CF                       | Parainfluenza Virus Type 2 (1/2015 Isolate 3) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810357CF                       | Parainfluenza Virus Type 2 (1/2015 Isolate 4) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810358CF                       | Parainfluenza Virus Type 2 (1/2015 Isolate 5) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810504CF                       | Parainfluenza Virus Type 2 (Public Health England) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810504CFHI                     | Parainfluenza Virus Type 2 (Public Health England) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810015CF-CL                    | Parainfluenza Virus Type 2 Cell Free Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810015CF                       | Parainfluenza Virus Type 2 Culture Fluid (1 mL)                                           | MTA HI RUO |
| 0810540CF                       | Parainfluenza Virus Type 2 Culture Fluid (1 mL)                                           | MTA HI RUO |
| 0810015CFHI                     | Parainfluenza Virus Type 2 Culture Fluid, Heat Inactivated (1 mL)                         | RUO        |
| 0810367CF                       | Parainfluenza Virus Type 3 (4/2015 Isolate 1) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810368CF                       | Parainfluenza Virus Type 3 (4/2015 Isolate 2) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810369CF                       | Parainfluenza Virus Type 3 (4/2015 Isolate 3) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810370CF                       | Parainfluenza Virus Type 3 (4/2015 Isolate 4) Culture Fluid (1 mL)                        | MTA HI RUO |
| 0810370CFHI                     | Parainfluenza Virus Type 3 (4/2015 Isolate 4) Culture Fluid, Heat Inactivated (1 mL)      | RUO        |
| 0810177CF                       | Parainfluenza Virus Type 3 (Isolate 2) Culture Fluid (1 mL)                               | MTA HI RUO |
| 0810505CF                       | Parainfluenza Virus Type 3 (Public Health England) Culture Fluid (1 mL)                   | RUO        |
| 0810016CF-CL                    | Parainfluenza Virus Type 3 Cell Free Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810016CF                       | Parainfluenza Virus Type 3 Culture Fluid (1 mL)                                           | MTA HI RUO |
| 0810541CF                       | Parainfluenza Virus Type 3 Culture Fluid (1 mL)                                           | MTA HI RUO |
| 0810016CFHI                     | Parainfluenza Virus Type 3 Culture Fluid, Heat Inactivated (1 mL)                         | RUO        |
| 0810016-0.5MG                   | Parainfluenza Virus Type 3 Lysate (0.5 mg)                                                | RUO        |
| 0810016                         | Parainfluenza Virus Type 3 Lysate (1 mg)                                                  | RUO        |
| 0810060CF-CL                    | Parainfluenza Virus Type 4A Cell Free Culture Fluid (1 mL)                                | MTA HI RUO |
| 0810060CF                       | Parainfluenza Virus Type 4A Culture Fluid (1 mL)                                          | MTA HI RUO |
| 0810060CFHI                     | Parainfluenza Virus Type 4A Culture Fluid, Heat Inactivated (1 mL)                        | RUO        |
| 0810060-0.5MG                   | Parainfluenza Virus Type 4A Lysate (0.5 mg)                                               | RUO        |
| 0810060                         | Parainfluenza Virus Type 4A Lysate (1 mg)                                                 | RUO        |
| 0810060BCF                      | Parainfluenza Virus Type 4B Culture Fluid (1 mL)                                          | MTA HI RUO |
| 0810060BCFHI                    | Parainfluenza Virus Type 4B Culture Fluid, Heat Inactivated (1 mL)                        | RUO        |
| <b>Parechovirus</b>             |                                                                                           |            |
| 0810145CF-CL                    | Parechovirus Type 1 (Strain: Harris) Cell Free Culture Fluid (1 mL)                       | RUO        |
| 0810145CF                       | Parechovirus Type 1 (Strain: Harris) Culture Fluid (1 mL)                                 | MTA HI RUO |
| 0810145CFHI                     | Parechovirus Type 1 (Strain: Harris) Culture Fluid, Heat Inactivated (1 mL)               | RUO        |
| 0810146CF                       | Parechovirus Type 2 (Strain: Williamson) Culture Fluid (1 mL)                             | MTA HI RUO |

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|--------------------------------------------|---------------------------------------------------------------------------------|------------|
| <b>Parechovirus (continued)</b>            |                                                                                 |            |
| 0810146CFHI                                | Parechovirus Type 2 (Strain: Williamson) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810147CF                                  | Parechovirus Type 3 Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810147CFHI                                | Parechovirus Type 3 Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| 0810148CF                                  | Parechovirus Type 4 Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810148CFHI                                | Parechovirus Type 4 Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| 0810149CF                                  | Parechovirus Type 5 Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810149CFHI                                | Parechovirus Type 5 Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| 0810150CF                                  | Parechovirus Type 6 Culture Fluid (1 mL)                                        | MTA HI RUO |
| 0810150CFHI                                | Parechovirus Type 6 Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| <b>Parvimonas micra</b>                    |                                                                                 |            |
| 0804168                                    | Parvimonas micra Z237, titered (1 mL)                                           | MTA HI RUO |
| <b>Pasteurella aerogenes</b>               |                                                                                 |            |
| 0804123                                    | Pasteurella aerogenes Z368, titered (1 mL)                                      | MTA HI RUO |
| <b>Peptoniphilus asaccharolyticus</b>      |                                                                                 |            |
| 0804245                                    | Peptoniphilus asaccharolyticus Z369, titered (1 mL)                             | MTA HI RUO |
| <b>Peptostreptococcus anaerobius</b>       |                                                                                 |            |
| 0804012                                    | Peptostreptococcus anaerobius Z157, titered (1 mL)                              | MTA HI RUO |
| <b>Plesiomonas shigelloides</b>            |                                                                                 |            |
| 0801899DNA-10UG                            | Plesiomonas shigelloides Z130, DNA (10 µg)                                      | RUO        |
| 0801899                                    | Plesiomonas shigelloides Z130, titered (1 mL)                                   | MTA HI RUO |
| <b>Pneumocystis jiroveci-S. cerevisiae</b> |                                                                                 |            |
| 0801698DNA-1UG                             | Pneumocystis jiroveci-S. cerevisiae Recombinant, DNA (1 µg)                     | RUO        |
| 0801698                                    | Pneumocystis jiroveci-S. cerevisiae Recombinant, titered (1 mL)                 | MTA HI RUO |
| <b>Powassan Virus</b>                      |                                                                                 |            |
| 0810151CFHI                                | Powassan Virus (Strain: LB) Culture Fluid, Heat Inactivated (1 mL)              | RUO        |
| <b>Prevotella bivia</b>                    |                                                                                 |            |
| 0801756                                    | Prevotella bivia Z045, titered (1 mL)                                           | MTA HI RUO |
| <b>Prevotella corporis</b>                 |                                                                                 |            |
| 0804246                                    | Prevotella corporis Z273, titered (1 mL)                                        | MTA HI RUO |
| <b>Prevotella intermedia</b>               |                                                                                 |            |
| 0804247                                    | Prevotella intermedia Z272, titered (1 mL)                                      | MTA HI RUO |
| <b>Prevotella melaninogenica</b>           |                                                                                 |            |
| 0804292                                    | Prevotella melaninogenica Z329, titered (1 mL)                                  | MTA HI RUO |
| <b>Proteus mirabilis</b>                   |                                                                                 |            |
| 0801544DNA-10UG                            | Proteus mirabilis Z050, DNA (10 µg)                                             | RUO        |
| 0801544                                    | Proteus mirabilis Z050, titered (1 mL)                                          | MTA HI RUO |
| <b>Proteus penneri</b>                     |                                                                                 |            |
| 0804442                                    | Proteus penneri Z527, titered (1 mL)                                            | MTA HI RUO |
| <b>Proteus vulgaris</b>                    |                                                                                 |            |
| 0801898                                    | Proteus vulgaris Z129, titered (1 mL)                                           | MTA HI RUO |
| <b>Providencia alcalifaciens</b>           |                                                                                 |            |
| 0804079                                    | Providencia alcalifaciens Z292, titered (1mL)                                   | MTA HI RUO |
| <b>Providencia rettgeri</b>                |                                                                                 |            |
| 0804080                                    | Providencia rettgeri Z370, titered (1 mL)                                       | MTA HI RUO |
| <b>Providencia sp.</b>                     |                                                                                 |            |
| 0801906                                    | Providencia sp. Z137; NDM-1, titered (1 mL)                                     | MTA HI RUO |
| <b>Providencia stuartii</b>                |                                                                                 |            |
| 0804013                                    | Providencia stuartii Z213, titered (1 mL)                                       | MTA HI RUO |

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|------------------------------------------|--------------------------------------------------------------------------------------------------------|------------|
| <b>Pseudomonas aeruginosa</b>            |                                                                                                        |            |
| 0801519DNA-10UG                          | Pseudomonas aeruginosa clinical isolate, DNA (10 µg)                                                   | RUO        |
| 0801519                                  | Pseudomonas aeruginosa clinical isolate, titered (1 mL)                                                | MTA HI RUO |
| 0801908                                  | Pseudomonas aeruginosa Z139; VIM-1, titered (1 mL)                                                     | MTA HI RUO |
| <b>Pseudomonas fluorescens</b>           |                                                                                                        |            |
| 0804248                                  | Pseudomonas fluorescens Z309, titered (1 mL)                                                           | MTA HI RUO |
| <b>Rahnella aquatilis</b>                |                                                                                                        |            |
| 0804040                                  | Rahnella aquatilis Z205, titered (1 mL)                                                                | MTA HI RUO |
| <b>Ralstonia pickettii</b>               |                                                                                                        |            |
| 0804175                                  | Ralstonia pickettii Z225, titered (1 mL)                                                               | MTA HI RUO |
| <b>Raoultella planticola</b>             |                                                                                                        |            |
| 0804284                                  | Raoultella planticola Z496, titered (1 mL)                                                             | MTA HI RUO |
| <b>Respiratory Syncytial Virus (RSV)</b> |                                                                                                        |            |
| 0810040ACF                               | Respiratory Syncytial Virus Type A (RSV-A) (2006 Isolate) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810040ACFHI                             | Respiratory Syncytial Virus Type A (RSV-A) (2006 Isolate) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810466CF                                | Respiratory Syncytial Virus Type A (RSV-A) (1/2015 Isolate 1) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810488CF                                | Respiratory Syncytial Virus Type A (RSV-A) (1/2015 Isolate 10) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810467CF                                | Respiratory Syncytial Virus Type A (RSV-A) (1/2015 Isolate 2) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810485CF                                | Respiratory Syncytial Virus Type A (RSV-A) (1/2015 Isolate 8) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810461CF                                | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 11) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810462CF                                | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 12) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810462CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 12) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810463CF                                | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 13) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810452CF                                | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 2) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810452CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 2) Culture Fluid, Heat Inactivated (1 mL)  | RUO        |
| 0810454CF                                | Respiratory Syncytial Virus Type A (RSV-A) (12/2014 Isolate 4) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810474CF                                | Respiratory Syncytial Virus Type A (RSV-A) (2/2015 Isolate 2) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810474CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) (2/2015 Isolate 2) Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| 0810475CF                                | Respiratory Syncytial Virus Type A (RSV-A) (2/2015 Isolate 3) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810489CF                                | Respiratory Syncytial Virus Type A (RSV-A) (2/2015 Isolate 8) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810490CF                                | Respiratory Syncytial Virus Type A (RSV-A) (2/2015 Isolate 9) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810482CF                                | Respiratory Syncytial Virus Type A (RSV-A) (3/2015 Isolate 3) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810482CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) (3/2015 Isolate 3) Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| 0810481CF                                | Respiratory Syncytial Virus Type A (RSV-A) (4/2015 Isolate 1) Culture Fluid (1 mL)                     | MTA HI RUO |
| 0810481CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) (4/2015 Isolate 1) Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| 0810299CF                                | Respiratory Syncytial Virus Type A (RSV-A) 2013 Isolate Culture Fluid (1 mL)                           | MTA HI RUO |
| 0810299CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) 2013 Isolate Culture Fluid, Heat Inactivated (1 mL)         | RUO        |
| 0810290CF                                | Respiratory Syncytial Virus Type A (RSV-A) 2014 Isolate 341 Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810290CFHI                              | Respiratory Syncytial Virus Type A (RSV-A) 2014 Isolate 341 Culture Fluid, Heat Inactivated (1 mL)     | RUO        |
| 0810291CF                                | Respiratory Syncytial Virus Type A (RSV-A) 2014 Isolate 342 Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810690CF                                | Respiratory Syncytial Virus Type A (RSV-A) NY-Wadsworth-22055406-01/2022 Culture Fluid (1 mL)          | MTA HI RUO |
| 0810691CF                                | Respiratory Syncytial Virus Type A (RSV-A) NY-Wadsworth-22055412-01/2022 Culture Fluid (1 mL)          | MTA HI RUO |
| 0810693CF                                | Respiratory Syncytial Virus Type A (RSV-A) NY-Wadsworth-22055417-01/2022 Culture Fluid (1 mL)          | MTA HI RUO |
| 0810694CF                                | Respiratory Syncytial Virus Type A (RSV-A) NY-Wadsworth-22055420-01/2022 Culture Fluid (1 mL)          | MTA HI RUO |
| 0810451CF                                | Respiratory Syncytial Virus Type B (RSV-B) (11/2014 Isolate 2) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810451CFHI                              | Respiratory Syncytial Virus Type B (RSV-B) (11/2014 Isolate 2) Culture Fluid, Heat Inactivated (1 mL)  | RUO        |
| 0810450CF                                | Respiratory Syncytial Virus Type B (RSV-B) (12/2014 Isolate 1) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810450CFHI                              | Respiratory Syncytial Virus Type B (RSV-B) (12/2014 Isolate 1) Culture Fluid, Heat Inactivated (1 mL)  | RUO        |
| 0810455CF                                | Respiratory Syncytial Virus Type B (RSV-B) (12/2014 Isolate 5) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810456CF                                | Respiratory Syncytial Virus Type B (RSV-B) (12/2014 Isolate 6) Culture Fluid (1 mL)                    | MTA HI RUO |
| 0810458CF                                | Respiratory Syncytial Virus Type B (RSV-B) (12/2014 Isolate 8) Culture Fluid (1 mL)                    | MTA HI RUO |

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|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|
| <b>Respiratory Syncytial Virus (RSV)</b><br>(continued) |                                                                                                         |                 |
| 0810493CF                                               | Respiratory Syncytial Virus Type B (RSV-B) (2/2015 Isolate 12) Culture Fluid (1 mL)                     | MTA HI RUO      |
| 0810487CF                                               | Respiratory Syncytial Virus Type B (RSV-B) (2/2015 Isolate 7) Culture Fluid (1 mL)                      | MTA HI RUO      |
| 0810479CF                                               | Respiratory Syncytial Virus Type B (RSV-B) (3/2015 Isolate 1) Culture Fluid (1 mL)                      | MTA HI RUO      |
| 0810479CFHI                                             | Respiratory Syncytial Virus Type B (RSV-B) (3/2015 Isolate 1) Culture Fluid, Heat Inactivated (1 mL)    | RUO             |
| 0810480CF                                               | Respiratory Syncytial Virus Type B (RSV-B) (3/2015 Isolate 2) Culture Fluid (1 mL)                      | MTA HI RUO      |
| 0810480CFHI                                             | Respiratory Syncytial Virus Type B (RSV-B) (3/2015 Isolate 2) Culture Fluid, Heat Inactivated (1 mL)    | RUO             |
| 0810040CF                                               | Respiratory Syncytial Virus Type B (RSV-B) (Strain: CH93(18)-18) Culture Fluid (1 mL)                   | MTA HI RUO      |
| 0810040CFHI                                             | Respiratory Syncytial Virus Type B (RSV-B) (Strain: CH93(18)-18) Culture Fluid, Heat Inactivated (1 mL) | RUO             |
| 0810692CF                                               | Respiratory Syncytial Virus Type B (RSV-B) NY-Wadsworth-22055413-01/2022 Culture Fluid (1 mL)           | MTA HI RUO      |
| <b>Rhinovirus</b>                                       |                                                                                                         |                 |
| 0810385CF                                               | Rhino-like Virus (12/2014 Isolate 1) Culture Fluid (1 mL)                                               | MTA HI RUO      |
| 0810383CF                                               | Rhinovirus (10/2014 Isolate #1) Culture Fluid (1 mL)                                                    | MTA HI RUO      |
| 0810383CFHI                                             | Rhinovirus (10/2014 Isolate #1) Culture Fluid, Heat Inactivated (1 mL)                                  | RUO             |
| 0810285CF                                               | Rhinovirus A16 Culture Fluid (1 mL)                                                                     | MTA HI RUO      |
| 0810285CFHI                                             | Rhinovirus A16 Culture Fluid, Heat Inactivated (1 mL)                                                   | RUO             |
| 0810283CF                                               | Rhinovirus A2 Culture Fluid (1 mL)                                                                      | MTA HI RUO      |
| 0810283CFHI                                             | Rhinovirus A2 Culture Fluid, Heat Inactivated (1 mL)                                                    | RUO             |
| 0810288CF                                               | Rhinovirus A80 Culture Fluid (1 mL)                                                                     | MTA HI RUO      |
| 0810288CFHI                                             | Rhinovirus A80 Culture Fluid, Heat Inactivated (1 mL)                                                   | RUO             |
| 0810284CF                                               | Rhinovirus B14 Culture Fluid (1 mL)                                                                     | MTA HI RUO      |
| 0810284CFHI                                             | Rhinovirus B14 Culture Fluid, Heat Inactivated (1 mL)                                                   | RUO             |
| 0810286CF                                               | Rhinovirus B42 Culture Fluid (1 mL)                                                                     | MTA HI RUO      |
| 0810286CFHI                                             | Rhinovirus B42 Culture Fluid, Heat Inactivated (1 mL)                                                   | RUO             |
| 0810287CF                                               | Rhinovirus B70 Culture Fluid (1 mL)                                                                     | MTA HI RUO      |
| 0810287CFHI                                             | Rhinovirus B70 Culture Fluid, Heat Inactivated (1 mL)                                                   | RUO             |
| 0810012CFN                                              | Rhinovirus Type 1A Culture Fluid (1 mL)                                                                 | MTA HI RUO      |
| 0810012CFNHI                                            | Rhinovirus Type 1A Culture Fluid, Heat Inactivated (1 mL)                                               | RUO             |
| 0810012N-0.5MG                                          | Rhinovirus Type 1A Lysate (0.5 mg)                                                                      | RUO             |
| 0810012N                                                | Rhinovirus Type 1A Lysate (1 mg)                                                                        | RUO             |
| <b>Rhizobium radiobacter</b>                            |                                                                                                         |                 |
| 0801746                                                 | Rhizobium radiobacter Z078, titered (1 mL)                                                              | MTA HI USDA RUO |
| <b>Rhizopus microsporus</b>                             |                                                                                                         |                 |
| 0801755DNA-1UG                                          | Rhizopus microsporus Z056, DNA (1 µg)                                                                   | RUO             |
| <b>Rhizopus oryzae</b>                                  |                                                                                                         |                 |
| 0801834DNA-1UG                                          | Rhizopus oryzae Z106, DNA (1 µg)                                                                        | RUO             |
| <b>Rhodospirillum rubrum</b>                            |                                                                                                         |                 |
| 0804379                                                 | Rhodospirillum rubrum Z480, titered (1 mL)                                                              | MTA HI RUO      |
| <b>Ross River Virus</b>                                 |                                                                                                         |                 |
| 0810601CF                                               | Ross River Virus Culture Fluid (1 mL)                                                                   | MTA HI RUO      |
| <b>Rotavirus</b>                                        |                                                                                                         |                 |
| 0810280CFHI-CL                                          | Rotavirus Group A (Strain: 69M) Cell Free Culture Fluid, Heat Inactivated (1 mL)                        | RUO             |
| 0810280CF                                               | Rotavirus Group A (Strain: 69M) Culture Fluid (1 mL)                                                    | MTA HI RUO      |
| 0810280CFHI                                             | Rotavirus Group A (Strain: 69M) Culture Fluid, Heat Inactivated (1 mL)                                  | RUO             |
| 0810531CF                                               | Rotavirus Group A (Strain: P) Culture Fluid (1 mL)                                                      | MTA HI RUO      |
| 0810530CF                                               | Rotavirus Group A (Strain: RRV) Culture Fluid (1 mL)                                                    | MTA HI RUO      |
| 0810530CFHI                                             | Rotavirus Group A (Strain: RRV) Culture Fluid, Heat Inactivated (1 mL)                                  | RUO             |
| 0810281CF                                               | Rotavirus Group A (Strain: Va70) Culture Fluid (1 mL)                                                   | MTA HI RUO      |
| 0810281CFHI                                             | Rotavirus Group A (Strain: Va70) Culture Fluid, Heat Inactivated (1 mL)                                 | RUO             |
| 0810041CF                                               | Rotavirus Group A (Strain: Wa) Culture Fluid (1 mL)                                                     | MTA HI RUO      |
| 0810041CFHI                                             | Rotavirus Group A (Strain: Wa) Culture Fluid, Heat Inactivated (1 mL)                                   | RUO             |

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|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>Rothia mucilaginosa</b>      |                                                                                                                                   |                |
| 0801729                         | Rothia mucilaginosa Z033, titered (1 mL)                                                                                          | MTA HI RUO     |
| <b>Rubella Virus</b>            |                                                                                                                                   |                |
| 0810048CF                       | Rubella Virus Culture Fluid (1 mL)                                                                                                | MTA HI RUO     |
| 0810686CF                       | Rubella Virus (Strain: Rvi/London.GBR/1966) Culture Fluid (1 mL)                                                                  | MTA HI RUO     |
| 0810048CFHI                     | Rubella Virus Culture Fluid, Heat Inactivated (1 mL)                                                                              | RUO            |
| <b>Saccharomyces cerevisiae</b> |                                                                                                                                   |                |
| 0801596                         | Saccharomyces cerevisiae W303-1A, titered (1 mL)                                                                                  | MTA HI RUO     |
| <b>Salmonella enterica</b>      |                                                                                                                                   |                |
| 0801933                         | Salmonella enterica Serovar Typhi Z152, titered (1 mL)                                                                            | CCL MTA HI RUO |
| 0801437DNA-10UG                 | Salmonella enterica Serovar Typhimurium Z005, DNA (10 µg)                                                                         | RUO            |
| 0801437                         | Salmonella enterica Serovar Typhimurium Z005, titered (1 mL)                                                                      | MTA HI RUO     |
| 0804265                         | Salmonella enterica Z454; Group B, titered (1 mL)                                                                                 | MTA HI RUO     |
| 0804266                         | Salmonella enterica Z455; Group C, titered (1 mL)                                                                                 | MTA HI RUO     |
| 0804267                         | Salmonella enterica Z456; Group D, titered (1 mL)                                                                                 | MTA HI RUO     |
| 0804268                         | Salmonella enterica Z457; Group E, titered (1 mL)                                                                                 | MTA HI RUO     |
| <b>SARS-CoV-2</b>               |                                                                                                                                   |                |
| 0810587CFHI                     | SARS-Related Coronavirus 2 (Isolate: USA-WA1/2020) Culture Fluid, Heat Inactivated (1 mL)                                         | RUO            |
| 0810668CFHI                     | SARS-CoV-2 Lineage BA.2.12.1; Omicron Variant (Isolate: USA/NY-Wadsworth-22014351-01/2022) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810669CFHI                     | SARS-CoV-2 Lineage BA.2.65; Omicron Variant (Isolate: USA/NY-Wadsworth-22023474-01/2022) Culture Fluid, Heat Inactivated (1 mL)   | RUO            |
| 0810671CFHI                     | SARS-CoV-2 Lineage BA.2.75.5; Omicron Variant (Isolate: USA/NY-Wadsworth-22037154-01/2022) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810675CFHI                     | SARS-CoV-2 Lineage BA.5.2.6; Omicron Variant (Isolate: USA/NY-Wadsworth-22047876-01/2022) Culture Fluid, Heat Inactivated (1 mL)  | RUO            |
| 0810670CFHI                     | SARS-CoV-2 Lineage BA.5.5; Omicron Variant (Isolate: USA/NY-Wadsworth-22023478-01/2022) Culture Fluid, Heat Inactivated (1 mL)    | RUO            |
| 0810667CFHI                     | SARS-CoV-2 Lineage BF.5; Omicron Variant (Isolate: USA/MD-HP34985/2022) Culture Fluid, Heat Inactivated (1 mL)                    | RUO            |
| 0810672CFHI                     | SARS-CoV-2 Lineage BF.7; Omicron Variant (Isolate: USA/NY-Wadsworth-22042128-01/2022) Culture Fluid, Heat Inactivated (1 mL)      | RUO            |
| 0810666CFHI                     | SARS-CoV-2 Lineage BQ.1.1; Omicron Variant (Isolate: USA/MD-HP38861/2022) Culture Fluid, Heat Inactivated (1 mL)                  | RUO            |
| 0810677CFHI                     | SARS-CoV-2 Lineage BQ.1.16; Omicron Variant (Isolate: USA/NY-Wadsworth-22050865-01/2022) Culture Fluid, Heat Inactivated (1 mL)   | RUO            |
| 0810674CFHI                     | SARS-CoV-2 Lineage BQ.1.3; Omicron Variant (Isolate: USA/NY-Wadsworth-22047869-01/2022) Culture Fluid, Heat Inactivated (1 mL)    | RUO            |
| 0810676CFHI                     | SARS-CoV-2 Lineage BQ.1; Omicron Variant (Isolate: USA/NY-Wadsworth-22050462-01/2022) Culture Fluid, Heat Inactivated (1 mL)      | RUO            |
| 0810673CFHI                     | SARS-CoV-2 Lineage CA.1; Omicron Variant (Isolate: USA/NY-Wadsworth-22044072-01/2022) Culture Fluid, Heat Inactivated (1 mL)      | RUO            |
| 0810688CFHI-CL                  | SARS-CoV-2 Lineage EG.5.1; Omicron Variant (Isolate: USA/MD-HP47946/2023) Cell Free Culture Fluid, Heat Inactivated (1 mL)        | RUO            |
| 0810688CFHI                     | SARS-CoV-2 Lineage EG.5.1; Omicron Variant (Isolate: USA/MD-HP47946/2023) Culture Fluid, Heat Inactivated (1 mL)                  | RUO            |
| 0810696CFHI                     | SARS-CoV-2 Lineage JG.3; Omicron Variant (Isolate: USA/NY-Wadsworth-23067147-01/2023) Culture Fluid, Heat Inactivated (1 mL)      | RUO            |
| 0810695CFHI                     | SARS-CoV-2 Lineage JN.1.4; Omicron Variant (Isolate: USA/NY-Wadsworth-23068107-01/2023) Culture Fluid, Heat Inactivated (1 mL)    | RUO            |
| 0810689CFHI                     | SARS-CoV-2 Lineage JN.1; Omicron Variant (Isolate: USA/NY/PV96109/2023) Culture Fluid, Heat Inactivated (1 mL)                    | RUO            |
| 0810682CFHI                     | SARS-CoV-2 Lineage XBB.1.5; Omicron Variant (Isolate: USA/MD-HP40900/2022) Culture Fluid, Heat Inactivated (1 mL)                 | RUO            |
| 0810678CFHI                     | SARS-CoV-2 Lineage XBB.1.5; Omicron Variant (Isolate: USA/NY-Wadsworth-22061020-01/2022) Culture Fluid, Heat Inactivated (1 mL)   | RUO            |
| 0810679CFHI                     | SARS-CoV-2 Lineage XBB.1.5; Omicron Variant (Isolate: USA/NY-Wadsworth-22061022-01/2022) Culture Fluid, Heat Inactivated (1 mL)   | RUO            |

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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>SARS-CoV-2 (continued)</b> |                                                                                                                                                             |      |
| 0810665CFHI                   | SARS-CoV-2 Lineage XBB; Omicron Variant (Isolate: USA/CA-Stanford-109-S21/2022) Culture Fluid, Heat Inactivated (1 mL)                                      | RUO  |
| 0810590CFHI-CL                | SARS-Related Coronavirus 2 (Isolate: Hong Kong/VM20001061/2020 ) Cell Free Culture Fluid, Heat Inactivated (1 mL)                                           | RUO  |
| 0810590CFHI                   | SARS-Related Coronavirus 2 (Isolate: Hong Kong/VM20001061/2020 ) Culture Fluid, Heat Inactivated (1 mL)                                                     | RUO  |
| 0810589CFHI-CL                | SARS-Related Coronavirus 2 (Isolate: Italy-INMI1) Cell Free Culture Fluid, Heat Inactivated (1 mL)                                                          | RUO  |
| 0810589CFHI                   | SARS-Related Coronavirus 2 (Isolate: Italy-INMI1) Culture Fluid, Heat Inactivated (1 mL)                                                                    | RUO  |
| 0810587CFHI-CL                | SARS-Related Coronavirus 2 (Isolate: USA-WA1/2020) Cell Free Culture Fluid, Heat Inactivated (1 mL)                                                         | RUO  |
| 0810587CFHI-0.5mL             | SARS-Related Coronavirus 2 (Isolate: USA-WA1/2020) Culture Fluid, Heat Inactivated (0.5 mL)                                                                 | RUO  |
| 0810587-0.5MG                 | SARS-Related Coronavirus 2 (Isolate: USA-WA1/2020) Lysate (0.5 mg)                                                                                          | RUO  |
| 0810587                       | SARS-Related Coronavirus 2 (Isolate: USA-WA1/2020) Lysate (1 mg)                                                                                            | RUO  |
| 0810619CFHI                   | SARS-Related Coronavirus 2 Isolate 1 Lineage B.1.526_2021; Iota Variant (Isolate: USA/NY-Wadsworth-21025952-01/2021) Culture Fluid, Heat Inactivated (1 mL) | RUO  |
| 0810620CFHI                   | SARS-Related Coronavirus 2 Isolate 2 Lineage B.1.526_2021; Iota Variant (Isolate: USA/NY-Wadsworth-21018781-01/2021) Culture Fluid, Heat Inactivated (1 mL) | RUO  |
| 0810641CFHI                   | SARS-Related Coronavirus 2 Lineage AY.1; Delta Variant (Isolate: USA/CA-VRLC086/2021) Culture Fluid, Heat Inactivated (1 mL)                                | RUO  |
| 0810643BCFHI                  | SARS-Related Coronavirus 2 Lineage B.1.1.529 BA.2; Omicron Variant (Isolate: USA/CO-CDPHE-2102544747/2021) Culture Fluid, Heat Inactivated (1 mL)           | RUO  |
| 0810643CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.1.529 BA.2; Omicron Variant (Isolate: USA/MD-HP24556/2022) Culture Fluid, Heat Inactivated (1 mL)                    | RUO  |
| 0810642CFHI-CL                | SARS-Related Coronavirus 2 Lineage B.1.1.529; Omicron Variant (Isolate: USA/MD-HP20874/2021) Cell Free Culture Fluid, Heat Inactivated (1 mL)               | RUO  |
| 0810642CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.1.529; Omicron Variant (Isolate: USA/MD-HP20874/2021) Culture Fluid, Heat Inactivated (1 mL)                         | RUO  |
| 0810614CFHI-CL                | SARS-Related Coronavirus 2 Lineage B.1.1.7; Alpha Variant (Isolate: England VUI-202012/01) Cell Free Culture Fluid, Heat Inactivated (1 mL)                 | RUO  |
| 0810614CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.1.7; Alpha Variant (Isolate: England VUI-202012/01) Culture Fluid, Heat Inactivated (1 mL)                           | RUO  |
| 0810612CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.1.7; Alpha Variant (Isolate: USA/CA_CDC_5574/2020) Culture Fluid, Heat Inactivated (1 mL)                            | RUO  |
| 0810637CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.1.7; Alpha Variant (Isolate: Wadsworth-21070720-01/2021) Culture Fluid, Heat Inactivated (1 mL)                      | RUO  |
| 0810613CFHI-CL                | SARS-Related Coronavirus 2 Lineage B.1.351; Beta Variant (Isolate: South Africa/KRISP-K005325/2020) Cell Free Culture Fluid, Heat Inactivated (1 mL)        | RUO  |
| 0810613CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.351; Beta Variant (Isolate: South Africa/KRISP-K005325/2020) Culture Fluid, Heat Inactivated (1 mL)                  | RUO  |
| 0810636CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.427; Epsilon Variant (Isolate: Wadsworth-21032515-01/2021) Culture Fluid, Heat Inactivated (1 mL)                    | RUO  |
| 0810633CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.429; Epsilon Variant (Isolate: Wadsworth-21050622-01/2021) Culture Fluid, Heat Inactivated (1 mL)                    | RUO  |
| 0810634CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.525; Eta Variant (Isolate: Wadsworth-21046855-01/2021) Culture Fluid, Heat Inactivated (1 mL)                        | RUO  |
| 0810623CFHI-CL                | SARS-Related Coronavirus 2 Lineage B.1.617.1; Kappa Variant (Isolate: USA/CA-Stanford-15_S02/2021) Cell Free Culture Fluid, Heat Inactivated (1 mL)         | RUO  |
| 0810623CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.617.1; Kappa Variant (Isolate: USA/CA-Stanford-15_S02/2021) Culture Fluid, Heat Inactivated (1 mL)                   | RUO  |
| 0810624CFHI-CL                | SARS-Related Coronavirus 2 Lineage B.1.617.2; Delta Variant (Isolate: USA/PHC658/2021) Cell Free Culture Fluid, Heat Inactivated (1 mL)                     | RUO  |
| 0810624CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.617.2; Delta Variant (Isolate: USA/PHC658/2021) Culture Fluid, Heat Inactivated (1 mL)                               | RUO  |
| 0810624                       | SARS-Related Coronavirus 2 Lineage B.1.617.2; Delta Variant (Isolate: USA/PHC658/2021) Lysate (1 mg)                                                        | RUO  |
| 0810635CFHI                   | SARS-Related Coronavirus 2 Lineage B.1.617.2; Delta Variant (Isolate: Wadsworth-21063531-01/2021) Culture Fluid, Heat Inactivated (1 mL)                    | RUO  |
| 0810660CFHI                   | SARS-Related Coronavirus 2 Lineage BA.4.6; Omicron Variant (Isolate: USA/MD/HP35538/2022) Culture Fluid, Heat Inactivated (1 mL)                            | RUO  |
| 0810659CFHI                   | SARS-Related Coronavirus 2 Lineage BA.4; Omicron Variant (Isolate: USA/MD-HP30386/2022) Culture Fluid, Heat Inactivated (1 mL)                              | RUO  |
| 0810658CFHI                   | SARS-Related Coronavirus 2 Lineage BA.5; Omicron Variant (Isolate: USA/COR-22-063113/2022) Culture Fluid, Heat Inactivated (1 mL)                           | RUO  |

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|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>SARS-CoV-2 (continued)</b>              |                                                                                                                                               |            |
| 0810640CFHI                                | SARS-Related Coronavirus 2 Lineage C.37; Lambda Variant (Isolate: Peru/un-CDC-2-4069945/2021) Culture Fluid, Heat Inactivated (1 mL)          | RUO        |
| 0810616CFHI-CL                             | SARS-Related Coronavirus 2 Lineage P.1 Brazil; Gamma Variant (Isolate: Japan/TY7-503/2021) Cell Free Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| 0810616CFHI                                | SARS-Related Coronavirus 2 Lineage P.1 Brazil; Gamma Variant (Isolate: Japan/TY7-503/2021) Culture Fluid, Heat Inactivated (1 mL)             | RUO        |
| 0810617CFHI                                | SARS-Related Coronavirus 2 Lineage P1_2021; Gamma Variant (Isolate: USA/NY-Wadsworth-21033899-01/2021) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810618CFHI                                | SARS-Related Coronavirus 2 Lineage P2_2021; Zeta Variant (Isolate: USA/NY-Wadsworth-21006055-01/2021) Culture Fluid, Heat Inactivated (1 mL)  | RUO        |
| 0810645CFHI                                | SARS-Related Coronavirus 2 SARS-CoV-2 B.1.1.298 (Isolate: Denmark/DCGC-3024/2020) Culture Fluid, Heat Inactivated (1 mL)                      | RUO        |
| 0810644CFHI                                | SARS-Related Coronavirus 2 SARS-CoV-2 Lineage B (Isolate: Germany/BavPat1/2020) Culture Fluid, Heat Inactivated (1 mL)                        | RUO        |
| 0810622CFHI                                | SARS-Related Coronavirus 2 SARS-CoV-2 Lineage B.1.595_2020 (Isolate: USA/NY-Wadsworth-33126-01/2020) Culture Fluid, Heat Inactivated (1 mL)   | RUO        |
| 0810621CFHI                                | SARS-Related Coronavirus 2 SARS-CoV-2 Lineage B.1_2020 (Isolate: USA/NY-Wadsworth-103677-01/2020) Culture Fluid, Heat Inactivated (1 mL)      | RUO        |
| <b>Scedosporium apiospermum</b>            |                                                                                                                                               |            |
| 0801765DNA-1UG                             | Scedosporium apiospermum Z085, DNA (1 µg)                                                                                                     | RUO        |
| <b>Scedosporium prolificans</b>            |                                                                                                                                               |            |
| 0801808                                    | Scedosporium prolificans Z083, titered (1 mL)                                                                                                 | MTA HI RUO |
| <b>Serratia liquefaciens</b>               |                                                                                                                                               |            |
| 0804207                                    | Serratia liquefaciens Z420, titered (1 mL)                                                                                                    | MTA HI RUO |
| <b>Serratia marcescens</b>                 |                                                                                                                                               |            |
| 0801723DNA-10UG                            | Serratia marcescens Z053, DNA (10 µg)                                                                                                         | RUO        |
| 0801723                                    | Serratia marcescens Z053, titered (1 mL)                                                                                                      | MTA HI RUO |
| <b>Shiga-like Toxin</b>                    |                                                                                                                                               |            |
| 0801792                                    | Shiga Toxin 1-S. cerevisiae Recombinant, titered (1 mL)                                                                                       | MTA HI RUO |
| 0801793                                    | Shiga Toxin 2-S. cerevisiae Recombinant, titered (1 mL)                                                                                       | MTA HI RUO |
| <b>Shigella boydii</b>                     |                                                                                                                                               |            |
| 0801900                                    | Shigella boydii Z131, titered (1 mL)                                                                                                          | MTA HI RUO |
| <b>Shigella flexneri</b>                   |                                                                                                                                               |            |
| 0801757                                    | Shigella flexneri Z046, titered (1 mL)                                                                                                        | MTA HI RUO |
| <b>Shigella sonnei</b>                     |                                                                                                                                               |            |
| 0801627DNA-10UG                            | Shigella sonnei Z004, DNA (10 µg)                                                                                                             | RUO        |
| 0801627                                    | Shigella sonnei Z004, titered (1 mL)                                                                                                          | MTA HI RUO |
| <b>Simian Immunodeficiency Virus (SIV)</b> |                                                                                                                                               |            |
| 0810011CF                                  | Simian Immunodeficiency Virus (Strain: Mac 251) Culture Fluid (1 mL)                                                                          | MTA HI RUO |
| 0810011CFHI                                | Simian Immunodeficiency Virus (Strain: Mac 251) Culture Fluid, Heat Inactivated (1 mL)                                                        | RUO        |
| 0810011                                    | Simian Immunodeficiency Virus (Strain: Mac 251) Lysate (1 mg)                                                                                 | RUO        |
| <b>St. Louis Encephalitis Virus</b>        |                                                                                                                                               |            |
| 0810080CF                                  | St. Louis Encephalitis Virus (Strain: Parton) Culture Fluid (1 mL)                                                                            | MTA HI RUO |
| 0810080CFHI                                | St. Louis Encephalitis Virus (Strain: Parton) Culture Fluid, Heat Inactivated (1 mL)                                                          | RUO        |
| <b>Staphylococcus aureus</b>               |                                                                                                                                               |            |
| 0804275                                    | Staphylococcus aureus CoNS, titered (1 mL)                                                                                                    | MTA HI RUO |
| 0801638DNA-10UG                            | Staphylococcus aureus MRSA; COL, DNA (10 µg)                                                                                                  | RUO        |
| 0801638                                    | Staphylococcus aureus MRSA; COL, titered (1 mL)                                                                                               | MTA HI RUO |
| 0801675DNA-10UG                            | Staphylococcus aureus MSSA; mecA-negative, DNA (10 µg)                                                                                        | RUO        |
| 0801675                                    | Staphylococcus aureus MSSA; mecA-negative, titered (1 mL)                                                                                     | MTA HI RUO |
| 0804125                                    | Staphylococcus aureus Z482, titered (1 mL)                                                                                                    | MTA HI RUO |
| <b>Staphylococcus auricularis</b>          |                                                                                                                                               |            |
| 0801724                                    | Staphylococcus auricularis Z109, titered (1 mL)                                                                                               | MTA HI RUO |

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|-------------------------------------|--------------------------------------------------------------------|------------|
| <b>Staphylococcus capitis</b>       |                                                                    |            |
| 0804084                             | Staphylococcus capitis Z192, titered (1mL)                         | MTA HI RUO |
| <b>Staphylococcus delphini</b>      |                                                                    |            |
| 0804127                             | Staphylococcus delphini Z285, titered (1 mL)                       | MTA HI RUO |
| <b>Staphylococcus epidermidis</b>   |                                                                    |            |
| 0801651DNA-10UG                     | Staphylococcus epidermidis MRSE; RP62A, DNA (10 µg)                | RUO        |
| 0801651                             | Staphylococcus epidermidis MRSE; RP62A, titered (1 mL)             | MTA HI RUO |
| 0801689                             | Staphylococcus epidermidis MSSE; HER 1292, titered (1 mL)          | MTA HI RUO |
| 0804281                             | Staphylococcus epidermidis Z274, titered (1 mL)                    | MTA HI RUO |
| 0804276                             | Staphylococcus epidermidis Z291, titered (1 mL)                    | MTA HI RUO |
| <b>Staphylococcus equorum</b>       |                                                                    |            |
| 0801726                             | Staphylococcus equorum Z111, titered (1 mL)                        | MTA HI RUO |
| <b>Staphylococcus haemolyticus</b>  |                                                                    |            |
| 0801591                             | Staphylococcus haemolyticus Z067, titered (1 mL)                   | MTA HI RUO |
| <b>Staphylococcus hominis</b>       |                                                                    |            |
| 0801727                             | Staphylococcus hominis Z031, titered (1 mL)                        | MTA HI RUO |
| <b>Staphylococcus intermedius</b>   |                                                                    |            |
| 0801592                             | Staphylococcus intermedius Z112, titered (1 mL)                    | MTA HI RUO |
| <b>Staphylococcus lugdunensis</b>   |                                                                    |            |
| 0801555                             | Staphylococcus lugdunensis Z097, titered (1 mL)                    | MTA HI RUO |
| <b>Staphylococcus pettenkoferi</b>  |                                                                    |            |
| 0804258                             | Staphylococcus pettenkoferi Z241, titered (1 mL)                   | MTA HI RUO |
| <b>Staphylococcus saprophyticus</b> |                                                                    |            |
| 0804014                             | Staphylococcus saprophyticus Z170, titered (1mL)                   | MTA HI RUO |
| <b>Staphylococcus schleiferi</b>    |                                                                    |            |
| 0804252                             | Staphylococcus schleiferi Z294, titered (1 mL)                     | MTA HI RUO |
| <b>Staphylococcus simulans</b>      |                                                                    |            |
| 0801728                             | Staphylococcus simulans Z032, titered (1 mL)                       | MTA HI RUO |
| <b>Staphylococcus warneri</b>       |                                                                    |            |
| 0801594                             | Staphylococcus warneri Z113, titered (1 mL)                        | MTA HI RUO |
| <b>Stenotrophomonas maltophilia</b> |                                                                    |            |
| 0801569DNA-10UG                     | Stenotrophomonas maltophilia Z074, DNA (10 µg)                     | RUO        |
| 0801569                             | Stenotrophomonas maltophilia Z074, titered (1 mL)                  | MTA HI RUO |
| <b>Streptococcus agalactiae</b>     |                                                                    |            |
| 0801545DNA-10UG                     | Streptococcus agalactiae Z019, DNA (10 µg)                         | RUO        |
| 0801545                             | Streptococcus agalactiae Z019, titered (1 mL)                      | MTA HI RUO |
| 0801556                             | Streptococcus agalactiae Z023, titered (1 mL)                      | MTA HI RUO |
| <b>Streptococcus anginosus</b>      |                                                                    |            |
| 0804146                             | Streptococcus anginosus Z199, titered (1 mL)                       | MTA HI RUO |
| <b>Streptococcus bovis</b>          |                                                                    |            |
| 0804015                             | Streptococcus bovis Z167, titered (1mL)                            | MTA HI RUO |
| <b>Streptococcus constellatus</b>   |                                                                    |            |
| 0801891                             | Streptococcus constellatus Z124, titered (1 mL)                    | MTA HI RUO |
| <b>Streptococcus dysgalactiae</b>   |                                                                    |            |
| 0804477                             | Streptococcus dysgalactiae subsp. dysgalactiae Z533, titered (1mL) | MTA HI RUO |
| 0801516                             | Streptococcus dysgalactiae subsp. equisimilis Z068, titered (1 mL) | MTA HI RUO |
| <b>Streptococcus intermedius</b>    |                                                                    |            |
| 0801895                             | Streptococcus intermedius Z126, titered (1 mL)                     | MTA HI RUO |
| <b>Streptococcus mitis</b>          |                                                                    |            |
| 0801695                             | Streptococcus mitis clinical isolate, titered (1 mL)               | MTA HI RUO |

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|--------------------------------------|-----------------------------------------------------------------------------------------|-----------------|
| <b>Streptococcus mutans</b>          |                                                                                         |                 |
| 0801696                              | Streptococcus mutans Z072, titered (1 mL)                                               | MTA HI RUO      |
| <b>Streptococcus oralis</b>          |                                                                                         |                 |
| 0804293                              | Streptococcus oralis Z307, titered (1 mL)                                               | MTA HI RUO      |
| <b>Streptococcus parasanguinis</b>   |                                                                                         |                 |
| 0804296                              | Streptococcus parasanguinis Z304, titered (1 mL)                                        | MTA HI RUO      |
| <b>Streptococcus pneumoniae</b>      |                                                                                         |                 |
| 0801439DNA-10UG                      | Streptococcus pneumoniae 19F; Z022, DNA (10 µg)                                         | RUO             |
| 0801439                              | Streptococcus pneumoniae 19F; Z022, titered (1 mL)                                      | MTA HI RUO      |
| 0804222                              | Streptococcus pneumoniae Z295, titered (1 mL)                                           | MTA HI RUO      |
| 0804016                              | Streptococcus pneumoniae Z319; 12F, titered (1 mL)                                      | MTA HI RUO      |
| <b>Streptococcus pyogenes</b>        |                                                                                         |                 |
| 0801512                              | Streptococcus pyogenes Z018, titered (1 mL)                                             | MTA HI RUO      |
| 0804351                              | Streptococcus pyogenes Z472; Serotype M1, titered (1 mL)                                | MTA HI RUO      |
| <b>Streptococcus salivarius</b>      |                                                                                         |                 |
| 0801896                              | Streptococcus salivarius Z127, titered (1 mL)                                           | MTA HI RUO      |
| <b>Streptococcus sanguinis</b>       |                                                                                         |                 |
| 0801440                              | Streptococcus sanguinis Z089, titered (1 mL)                                            | MTA HI RUO      |
| <b>Streptococcus uberis</b>          |                                                                                         |                 |
| 0804090                              | Streptococcus uberis Z326, titered (1 mL)                                               | MTA HI RUO      |
| <b>Tatlockia micdadei</b>            |                                                                                         |                 |
| 0801576                              | Tatlockia micdadei Tatlock, titered (1 mL)                                              | MTA HI RUO      |
| <b>Tick Borne Encephalitis Virus</b> |                                                                                         |                 |
| 0810602CFHI                          | Tick Borne Encephalitis Virus (Strain: Neudorfl) Culture Fluid, Heat Inactivated (1 mL) | RUO             |
| 0810603CFHI                          | Tick Borne Encephalitis Virus (Strain: Vaccine) Culture Fluid, Heat Inactivated (1 mL)  | RUO             |
| <b>Trichomonas vaginalis</b>         |                                                                                         |                 |
| 0801924                              | Trichomonas vaginalis MTZ resistant, titered (1 mL)                                     | MTA HI RUO      |
| 0801805                              | Trichomonas vaginalis Z070, titered (1 mL)                                              | MTA HI RUO      |
| 0804137                              | Trichomonas vaginalis Z158, titered (1 mL)                                              | MTA HI RUO      |
| 0804138                              | Trichomonas vaginalis Z159, titered (1 mL)                                              | MTA HI RUO      |
| <b>Trichophyton rubrum</b>           |                                                                                         |                 |
| 0804478                              | Trichophyton rubrum Z534, titered (1mL)                                                 | MTA HI RUO      |
| <b>Trueperella pyogenes</b>          |                                                                                         |                 |
| 0801996                              | Trueperella pyogenes Z389, titered (1 mL)                                               | MTA HI RUO      |
| <b>Usutu Virus</b>                   |                                                                                         |                 |
| 0810604CF                            | Usutu Virus Culture Fluid (1 mL)                                                        | MTA HI RUO      |
| 0810697CFHI                          | Usutu Virus (Isolate: ENT MP 1626) Culture Fluid, Heat Inactivated (1 mL)               | RUO             |
| <b>Vaccina Virus</b>                 |                                                                                         |                 |
| 0810310CF                            | Vaccina Virus (Vaccine Strain) Culture Fluid (1 mL)                                     | USDA MTA HI RUO |
| 0810310CFHI                          | Vaccina Virus (Vaccine Strain) Culture Fluid, Heat Inactivated (1 mL)                   | RUO             |
| 0810604CFHI                          | Usutu Virus Culture Fluid, Heat Inactivated (1 mL)                                      | RUO             |
| 0810698CF                            | Usutu Virus (Isolate: SAAR 1776) Culture Fluid (1 mL)                                   | RUO             |
| 0810698CFHI                          | Usutu Virus (Isolate: SAAR 1776) Culture Fluid, Heat Inactivated (1 mL)                 | RUO             |
| <b>Varicella Zoster Virus (VZV)</b>  |                                                                                         |                 |
| 0810167CF                            | Varicella Zoster Virus (Strain: 82) Culture Fluid (1 mL)                                | MTA HI RUO      |
| 0810167CFHI                          | Varicella Zoster Virus (Strain: 82) Culture Fluid, Heat Inactivated (1 mL)              | RUO             |
| 0810167CFHI-CL                       | Varicella Zoster Virus (Strain: 82) Cell Free Culture Fluid, Heat Inactivated (1 mL)    | RUO             |
| 0810168CF                            | Varicella Zoster Virus (Strain: 275) Culture Fluid (1 mL)                               | MTA HI RUO      |
| 0810168CF-CL                         | Varicella Zoster Virus (Strain: 275) Cell Free Culture Fluid (1 mL)                     | MTA HI RUO      |
| 0810168CFHI                          | Varicella Zoster Virus (Strain: 275) Culture Fluid, Heat Inactivated (1 mL)             | RUO             |

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|----------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------|
| <b>Varicella Zoster Virus (VZV)</b><br>(continued) |                                                                                               |                |
| 0810168CFHI-CL                                     | Varicella Zoster Virus (Strain: 275) Cell Free Culture Fluid, Heat Inactivated (1 mL)         | RUO            |
| 0810169CF                                          | Varicella Zoster Virus (Strain: 1700) Culture Fluid (1 mL)                                    | MTA HI RUO     |
| 0810169CFHI                                        | Varicella Zoster Virus (Strain: 1700) Culture Fluid, Heat Inactivated (1 mL)                  | RUO            |
| 0810169CFHI-CL                                     | Varicella Zoster Virus (Strain: 1700) Cell Free Culture Fluid, Heat Inactivated (1 mL)        | RUO            |
| 0810170CF                                          | Varicella Zoster Virus (Strain: 9939) Culture Fluid (1 mL)                                    | MTA HI RUO     |
| 0810170CFHI                                        | Varicella Zoster Virus (Strain: 9939) Culture Fluid, Heat Inactivated (1 mL)                  | RUO            |
| 0810170CFHI-CL                                     | Varicella Zoster Virus (Strain: 9939) Cell Free Culture Fluid, Heat Inactivated (1 mL)        | RUO            |
| 0810171                                            | Varicella Zoster Virus (Strain: Ellen) Lysate (1 mg)                                          | RUO            |
| 0810171-0.5MG                                      | Varicella Zoster Virus (Strain: Ellen) Lysate (0.5 mg)                                        | RUO            |
| 0810171CF                                          | Varicella Zoster Virus (Strain: Ellen) Culture Fluid (1 mL)                                   | MTA HI RUO     |
| 0810171CFHI                                        | Varicella Zoster Virus (Strain: Ellen) Culture Fluid, Heat Inactivated (1 mL)                 | RUO            |
| 0810171CFHI-CL                                     | Varicella Zoster Virus (Strain: Ellen) Cell Free Culture Fluid, Heat Inactivated (1 mL)       | RUO            |
| 0810172CF                                          | Varicella Zoster Virus (Isolate: A) Culture Fluid (1 mL)                                      | MTA HI RUO     |
| 0810172CFHI                                        | Varicella Zoster Virus (Isolate: A) Culture Fluid, Heat Inactivated (1 mL)                    | RUO            |
| 0810172CFHI-CL                                     | Varicella Zoster Virus (Isolate: A) Cell Free Culture Fluid, Heat Inactivated (1 mL)          | RUO            |
| 0810173CF                                          | Varicella Zoster Virus (Isolate: B) Culture Fluid (1 mL)                                      | MTA HI RUO     |
| 0810173CFHI                                        | Varicella Zoster Virus (Isolate: B) Culture Fluid, Heat Inactivated (1 mL)                    | RUO            |
| 0810173CFHI-CL                                     | Varicella Zoster Virus (Isolate: B) Cell Free Culture Fluid, Heat Inactivated (1 mL)          | RUO            |
| 0810175CF                                          | Varicella Zoster Virus (Isolate: D) Culture Fluid (1 mL)                                      | MTA HI RUO     |
| 0810175CFHI                                        | Varicella Zoster Virus (Isolate: D) Culture Fluid, Heat Inactivated (1 mL)                    | RUO            |
| 0810175CFHI-CL                                     | Varicella Zoster Virus (Isolate: D) Cell Free Culture Fluid, Heat Inactivated (1 mL)          | RUO            |
| 0810379CF                                          | Varicella Zoster Virus (Strain: 10/2014) (Isolate: 3) Culture Fluid (1 mL)                    | MTA HI RUO     |
| <b>Veillonella parvula</b>                         |                                                                                               |                |
| 0804136                                            | Veillonella parvula Z379, titered (1 mL)                                                      | MTA HI RUO     |
| <b>Vibrio cholerae</b>                             |                                                                                               |                |
| 0801789                                            | Vibrio cholerae-S. cerevisiae Recombinant, titered (1 mL)                                     | MTA HI RUO     |
| <b>Vibrio parahaemolyticus</b>                     |                                                                                               |                |
| 0801903                                            | Vibrio parahaemolyticus Z134, titered (1 mL)                                                  | MTA HI RUO     |
| <b>Vibrio vulnificus</b>                           |                                                                                               |                |
| 0804349                                            | Vibrio vulnificus Z473, titered (1 mL)                                                        | MTA HI RUO     |
| <b>Weissella paramesenteroides</b>                 |                                                                                               |                |
| 0804299                                            | Weissella paramesenteroides Z327, titered (1 mL)                                              | MTA HI RUO     |
| <b>West Nile Virus (WNV)</b>                       |                                                                                               |                |
| 0810033CF                                          | West Nile Virus (WNV) Lineage 1 (Strain: NY 2001-6263) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810033CFHI                                        | West Nile Virus (WNV) Lineage 1 (Strain: NY 2001-6263) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| 0810033-0.5MG                                      | West Nile Virus (WNV) Lineage 1 (Strain: NY 2001-6263) Lysate (0.5 mg)                        | RUO            |
| 0810033                                            | West Nile Virus (WNV) Lineage 1 (Strain: NY 2001-6263) Lysate (1 mg)                          | RUO            |
| 0810082CF                                          | West Nile Virus (WNV) Lineage 2 (Strain: 1986) Culture Fluid (1 mL)                           | MTA HI RUO     |
| 0810082CFHI                                        | West Nile Virus (WNV) Lineage 2 (Strain: 1986) Culture Fluid, Heat Inactivated (1 mL)         | RUO            |
| 0810081CF                                          | West Nile Virus (WNV) Lineage 2 (Strain: B-956 Uganda) Culture Fluid (1 mL)                   | MTA HI RUO     |
| 0810081CFHI                                        | West Nile Virus (WNV) Lineage 2 (Strain: B-956 Uganda) Culture Fluid, Heat Inactivated (1 mL) | RUO            |
| <b>Yellow Fever Virus</b>                          |                                                                                               |                |
| 0810095                                            | Yellow Fever Virus (Strain: 17D) Lysate (1 mg)                                                | RUO            |
| 0810095-0.5MG                                      | Yellow Fever Virus (Strain: 17D) Lysate (0.5 mg)                                              | RUO            |
| 0810095CF                                          | Yellow Fever Virus (Strain: 17D) Culture Fluid (1 mL)                                         | CCL MTA HI RUO |
| 0810095CFHI                                        | Yellow Fever Virus (Strain: 17D) Culture Fluid, Heat Inactivated (1 mL)                       | CCL RUO        |
| 0810523CFHI                                        | Yellow Fever Virus (Strain: Asibi) Culture Fluid, Heat Inactivated (1 mL)                     | CCL RUO        |
| 0810524CFHI                                        | Yellow Fever Virus (Strain: 1899/81) Culture Fluid, Heat Inactivated (1 mL)                   | CCL RUO        |
| 0810556CF                                          | Yellow Fever Virus (Strain: French Neurotropic) Culture Fluid (1 mL)                          | CCL MTA HI RUO |
| 0810556CFHI                                        | Yellow Fever Virus (Strain: French Neurotropic) Culture Fluid, Heat Inactivated (1 mL)        | CCL RUO        |

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|------------------------------------|--------------------------------------------------------------------------|------------|
| <b>Yersinia enterocolitica</b>     |                                                                          |            |
| 0801734                            | Yersinia enterocolitica Z036, titered (1 mL)                             | MTA HI RUO |
| <b>Yersinia pseudotuberculosis</b> |                                                                          |            |
| 0804179                            | Yersinia pseudotuberculosis Z222, titered (1 mL)                         | MTA HI RUO |
| <b>Zika Virus</b>                  |                                                                          |            |
| 0810092CF                          | Zika Virus Culture Fluid (1 mL)                                          | MTA HI RUO |
| 0810092CFHI                        | Zika Virus Culture Fluid, Heat Inactivated (1 mL)                        | RUO        |
| 0810521CF                          | Zika Virus (Strain: MR 766) Culture Fluid (1 mL)                         | MTA HI RUO |
| 0810521CFHI                        | Zika Virus (Strain: MR 766) Culture Fluid, Heat Inactivated (1 mL)       | RUO        |
| 0810522CF                          | Zika Virus (Strain: DakArD 41662) Culture Fluid (1 mL)                   | MTA HI RUO |
| 0810522CFHI                        | Zika Virus (Strain: DakArD 41662) Culture Fluid, Heat Inactivated (1 mL) | RUO        |
| 0810525CF                          | Zika Virus (Strain: PRVABC59) Culture Fluid (1 mL)                       | MTA HI RUO |
| 0810525CFHI                        | Zika Virus (Strain: PRVABC59) Culture Fluid, Heat Inactivated (1 mL)     | RUO        |

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