

**SARS-Related Coronavirus 2 (SARS-CoV-2)  
Lineage HV.1<sup>1</sup>  
Isolate: USA/MD-HP49152/2023  
Culture Fluid (Heat Inactivated) (1 mL)**

Catalog Number:  
0810699CFHI

## PRODUCT DESCRIPTION:

SARS-Related Coronavirus 2 Lineage HV.1 (Isolate USA/MD-HP49152/2023) is an enveloped, positive-sense single-stranded RNA virus from the Coronaviridae family and the Betacoronaviridae genus. Severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate hCoV-19/USA/MD-HP49152/2023 was isolated from a human nasopharyngeal swab in 2023, in Maryland, USA.

Under the nomenclature system introduced by GISAID (Global Initiative on Sharing All Influenza Data), SARS-CoV-2, isolate hCoV-19/USA/MD-HP49152/2023 is assigned lineage HV.1 (Pango v.4.3.1 consensus call), Omicron (XBB.1-like) (Scorpio) and GISAID clade GRA using the Phylogenetic Assignment of Named Global Outbreak lineages (PANGO) tool. The complete genome of SARS-CoV-2, isolate hCoV-19/USA/MD-HP49152/2023 has been sequenced (GISAID: EPI\_ISL\_18432261). It was labeled as a variant of interest (VOI) GRA (EG.5+EG.5.\*) first detected in Indonesia/France by the World Health Organization (WHO).

Each frozen aliquot contains 1 mL of heat inactivated viral culture fluid. The pre-inactivation titer was determined from an infectious aliquot.

Viral inactivation is verified after heat inactivation by the absence of viral growth in tissue culture-based infectivity assays.








## INTENDED USE:

Heat inactivated viral culture fluids are sold as consumable testing materials. The suitability and performance characteristics should be determined by your laboratory for each intended usage.

These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

## FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

PI0810699CFHI  
Revision: 00  
Effective Date: 08/06/2024

	Catalog Number		Temperature Limitation
	Batch Code		Expiration Date
	For Research Use Only		Biological Risk
	Manufacturer		

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This product was manufactured in a facility which has a Quality Management System that is ISO 13485 certified.

## BIOSAFETY:

Please consult your institution's regulations regarding the use of this product. For a detailed discussion on biological safety see the current edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC.

## PRECAUTIONS:

- Use Universal Precautions, this product is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary).
- To avoid cross-contamination, use separate pipette tips for all reagents.

## RECOMMENDED STORAGE:

Heat inactivated viral culture fluids should be stored at -65°C or below.

<sup>1</sup>The following reagent was obtained through BEI Resources, NIAID, NIH: SARS-Related Coronavirus 2, Isolate hCoV-19/USA/MD-HP49152/2023 (Lineage HV.1), NR-59703, contributed by Dr. Andrew S. Pekosz.