

**Powassan Virus<sup>1</sup>**  
**Strain: LB**  
**Culture Fluid (Heat Inactivated) (1 mL)**

## PRODUCT DESCRIPTION:

Powassan Virus (Strain: LB) is an enveloped, linear positive-sense single-stranded RNA virus from the *Flaviviridae* family, *Flavivirus* genus and the Lineage I phylogenetic group. Powassan Virus (Strain: LB)<sup>2</sup> was collected from a human on September 23, 1958, in Powassan Ontario, Canada.

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.**

## BIO SAFETY:

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>EXPORT COMPLIANCE:

This organism is currently included on the Commerce Control List (15 C.F.R. 774, Supplement 1). **Export or re-export of such organism, certain genetic elements thereof and/or genetically modified organism is prohibited without the appropriate authorization or license from the Bureau of Industry and Security per the U.S. Export Administration Regulations (15 C.F.R. 730-774).**

<sup>2</sup>This strain was sourced from the Arbovirus Reference Collection (ARC) from the Center of Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases, Division of Vector-Borne Diseases, Arboviral Diseases Branch, Diagnostics and Reference Team, Reference, and Reagent Laboratory.

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	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.

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