

ZeptoMetrix®

MOUSE HEPATITIS VIRUS (MHV)

Heat Inactivated Culture Fluid

Catalog Number:
0810042CFHI

PRODUCT DESCRIPTION:

Mouse Hepatitis Virus (MHV) is an enveloped coronavirus that contains a helical nucleocapsid and positive-sense, single-stranded RNA.

MHV is propagated in the 17CL-1 cell line.

Heat inactivated culture fluids are sold in 1.0 mL aliquots, and shipped on dry ice.

Each lot of viral culture fluid is assayed for its Tissue Culture Infective Dose (TCID₅₀) before being heat inactivated.

Custom orders are available, including specific volumes and package sizes.

INTENDED USE:

This product is intended for research, product development testing, or quality assurance testing.

Heat inactivated culture fluids are sold as consumable testing materials. Applications include:

- Nucleic Acid / Molecular Testing
- Limit of Detection (LOD) Studies
- Cross-reactivity Studies

Other Viral-based Assays

ETIOLOGIC STATUS/BIOHAZARD TESTING:

MHV is a Biosafety Level 2 organism.

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

PRECAUTIONS:

USE UNIVERSAL PRECAUTIONS when handling this product!

Heat inactivated culture fluids are treated by a method validated to be effective for virus inactivation. However, no method can be guaranteed 100% effective.

This material should be handled as if capable of transmitting infectious agents.

RECOMMENDED STORAGE:








Viral culture fluid should be stored at -65°C or below.

To avoid repeat freeze-thaws, which could negatively impact product performance, store heat inactivated culture fluids in smaller working aliquots.

DO NOT USE IN HUMANS. FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

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.

PI0810042CFHI
Revision: 02
Effective Date: 07/20/2022

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

05/31/2022.ZeptoMetrix.com

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

PCA# 21-112
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