

**VARICELLA ZOSTER VIRUS (VZV)  
Heat Inactivated Culture Fluid**

**PRODUCT DESCRIPTION:**

Varicella Zoster Virus (VZV) is a human Herpes virus (HHV-3) with a diameter of approximately 200 nm. It is an enveloped icosahedral virus that contains a nucleocapsid and double-stranded linear DNA.

VZV (Isolate D) is propagated in the CV-1, MeWo, or MRC-5 cell line.

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

VZV does not always demonstrate distinct CPE in culture. Therefore, VZV culture fluid is assayed by either Tissue Culture Infective Dose (TCID<sub>50</sub>), or real-time PCR (copies/mL) before being heat inactivated. Please indicate if you prefer TCID<sub>50</sub> or PCR quantitation when placing an order.

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
- Cross-reactivity Studies
- Other Viral-based Assays

**ETIOLOGIC STATUS/BIOHAZARD TESTING:**

VZV 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.

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

REF	Catalog Number	⚡	Temperature Limitation
LOT	Lot Number	⚠	Biological Risk
RUO	For Research Use Only	🏭	Date of Manufacture

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