Catalog Number: 0810169

VARICELLA ZOSTER VIRUS (VZV)
Purified Virus Lysate

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.

Varicella Zoster Virus (Strain: 1700) is propagated in the CV-1, MeWo, or MRC-5 cell line.

Varicella Zoster Virus is purified using sucrose density gradient ultracentrifugation, disrupted in the presence of 0.5% Triton X-100 non-ionic detergent/0.6 M KCl, and heat inactivated.

Viral lysate is usually sold in a vial containing 1.0 mg of protein, and is shipped on dry ice. Protein concentrations generally range from 0.5 to 3.0 mg/mL.

Custom orders are available, including specific buffer formulations and package sizes.

INTENDED USE:

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

Viral lysates can be utilized as an antigen, as a source for the purification of viral proteins, or for the detection of viral antibodies. Applications include:

- Immunodetection of antibodies to VZV using solid-phase enzyme immunoassays (EIA)
- Western blot
- Dot blot
- Other protein-based assays

ETIOLOGIC STATUS/BIOHAZARD TESTING:

Varicella Zoster Virus is a Biosafety Level 2 organism.

Viral inactivation is verified for every lot of lysate by the absence of viral growth in validated tissue culture based infectivity assays.

PRECAUTIONS:

USE UNIVERSAL PRECAUTIONS when handling this product!

Viral lysate has been 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 lysate should be stored at -65°C or below.

To avoid repeat freeze-thaws, which could negatively impact product performance, viral lysate should be stored in aliquots upon receipt.

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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