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VZV (Rod Strain) Purified Viral Lysate

Catalog Number: 10-282-500

Lot Number: A0318

Product Description: Varicella Zoster Virus (Rod strain) purified virus lysed with Triton X-100.

Cell Line for Propagation: Vero Cells

Unit Size: 0.5 mg

Fill Volume: 0.69 ml

Suspending Buffer: 10 mM Tris, 150 mM NaCl, 1 mM EDTA, pH 7.5 with 0.25% Triton X-100

QUALITY CONTROL DATA

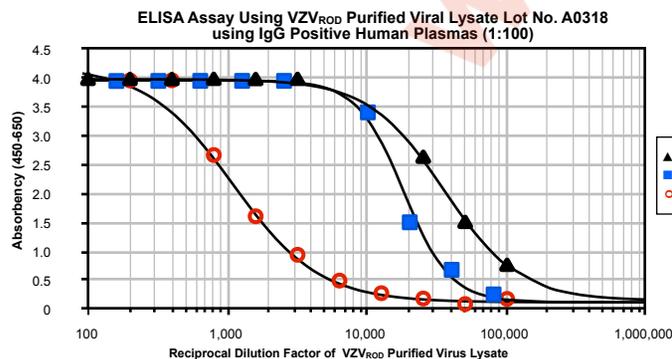
Sterility Tests: Bacteria, yeasts, and fungi were not detected (USP-NF). Mycoplasma was not detected by MycoAlert™ Mycoplasma Detection Kit (Lonza, LT07).

Protein Concentration: 0.73 mg/ml determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

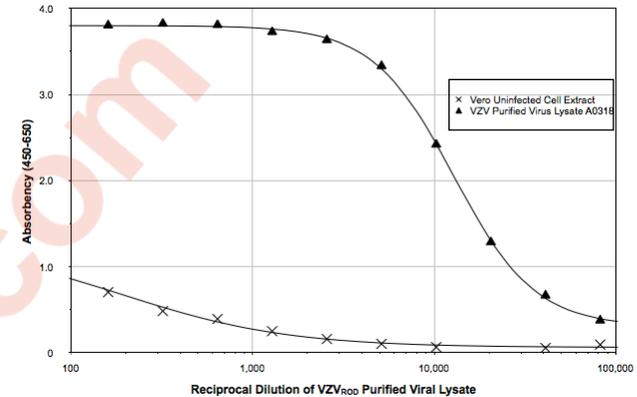
Virus Particle Count (VPC) by TEM: 1.5×10^{10} vp/ml (active virus prior to lysis)

Validation of Inactivation: This lot of viral lysate has been specifically tested for residual infectivity and no infectious virus was detected. The lysate was titrated in Vero cells over a 14-day period with endpoint determination by cytopathic effect (CPE). VZV-infected Vero cells and mock-infected Vero cells were included as positive and negative controls, respectively, for the assay.

ELISA Testing: 54,316 units*/ml using anti-VZV gp1 MAb.
151,200 units*/ml using high VZV IgG positive human plasma.
43,200 units*/ml using medium VZV IgG positive human plasma.
5,590 units*/ml using low VZV IgG positive human plasma.
*A unit is defined as the reciprocal dilution of the purified antigen that gives an absorbance of 0.500 in our test system.



ELISA Titration of VZV_{ROD} Purified Viral Lysate Lot No. A0318 and Vero Uninfected Cell Extract Using Anti-VZV gp1 Monoclonal Antibody (1:100)



Western Blot: Reactive in Western blot using VZV gp1 MAb.

PRODUCT DETAILS

Shipping and Storage: This product is shipped frozen on dry ice. **Store at -70°C upon receipt.** Avoid multiple freeze-thaw cycles as product degradation may result.

Recommendations for Use: Upon thawing, if any precipitate of proteinaceous material is observed, pulse vortex until the precipitate is completely resuspended. Use immediately following resuspension.

Safe Handling Recommendation:

This inactivated biological preparation should be handled in accordance with biosafety guidelines defined in the BMBL, NIH-CDC HHS publication No. 93-8395.

This product is for research use only.
Not for use in diagnostic procedures.

Quality Control

10/01/2010
Date