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RSV-A (A2 Strain) Purified Virus

Catalog Number: 10-247-100

Lot Number: 5M0001-PVS

Product Description: Human Respiratory Syncytial Virus subtype A (A2 strain) propagated in HEp-2 cells and purified from culture supernatant and cells showing cytopathic effect.

Unit Size: 100 µg

Fill Volume: 100 µl

Suspending Buffer: 10 mM Tris, 150 mM NaCl, 1 mM EDTA, pH 7.5

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: 1.0 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: 1.0×10^{10} vp/ml

TCID₅₀ Titer: $10^{6.6}$ TCID₅₀/ml
RSV is titrated in HEp-2 cells over a period of 7 days with endpoint determination by cytopathic effect (CPE). Titer is calculated using the Karber method.

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: Before use, rapidly thaw frozen vial in a water bath set at 37°C and then store on ice. Use pre-cooled medium/buffer for virus dilution and store on ice before inoculating into cell culture. For future use, aliquot into small amounts and freeze rapidly in a dry ice/alcohol bath and store at -70°C. **Do NOT store virus stock at 2-8°C.**

Safe Handling Recommendation: This preparation of RSV-A is a **BIOHAZARDOUS** material containing **ACTIVE VIRUS** and 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

12-12-2006
Date