RSV-A (A2 Strain) Purified Virus

**Catalog Number:** 10-247-000  
**Lot Number:** 6J0006-PV  
**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:** 1.0 mg  
**Fill Volume:** 1.0 mL  
**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:** 1.3 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:** 5.8 x 10⁹ vp/mL  
**TCID₅₀ Titer:** 10⁶-17 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/accelor 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. (CDC) 21-1112.

**References:**

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

[Signature]
Quality Control  
07-13-2015  
Date