

AR00123PU-N**Parainfluenza Virus 1 (Strain Sendai) - Purified****Alternate names:**

HPIV-1, HPIV1, Parainfluenza Virus type 1

Quantity:

1 mg

Concentration:

1.15mg/ml (BCA method)

Background:

Human parainfluenza viruses (HPIV) were first discovered in the late 1950s. HPIV is genetically and antigenically divided into types 1 to 4. HPIV 1 to HPIV 3 are major causes of lower respiratory infections in infants, young children, the immunocompromised, the chronically ill, and the elderly. Each subtype can cause somewhat unique clinical diseases in different hosts. HPIV are enveloped and of medium size (150 to 250 nm), and their RNA genome is in the negative sense. These viruses belong to the Paramyxoviridae family, one of the largest and most rapidly growing groups of viruses causing significant human and veterinary disease. HPIV are closely related to recently discovered megamyxoviruses (Hendra and Nipah viruses) and metapneumovirus.

Source:

Chicken eggs, Chicken Eggs

Format:**State:** Liquid purified protein**Purity:** >90% pure (SDS-PAGE). Ultracentrifugation using 20-60% sucrose gradient**Buffer System:** 0.05M Tris-HCl, pH 8.0 containing 0.1M Sodium chloride, 5mM EDTA and 0.02% Sodium azide**Applications:**

Serological studies of parainfluenza virus, immunogen for antibody production. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

Parainfluenza Type I virus, Strain Sendai

Inactivation: 0.05% Thimerosal**Add. Information:**

This product has been treated in a manner consistent with methods of inactivation. Generally accepted good laboratory practices appropriate to microbiological/viral safe handling practices and techniques are required when handling this product.

Storage:

Store the protein at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.