

HTNV

Description: The Hantavirus nucleocapsid (N) fusion protein protein is expressed in E. coli and fused to a GST-tag at N-terminus, having an Mw of 37 kDa. Hantavirus nucleocapsid (N) is conserved among different strains, and is used to test the specific IgM and IgG to Hantavirus.

Catalog #:HTPS-008

For research use only.

Synonyms: HTNV, Hantaan Virus, Hantanvirus.

Source: E.Coli

Physical Appearance: Sterile filtered colorless solution.

Purity: HTNV protein is >95% pure as determined by 10% PAGE (coomassie staining).

Purification Method:

Purified by proprietary chromatographic technique.

Formulation:

HTNV (5mg/ml) is formulated in 1xPBS pH-7.4 and 0.5mM EDTA.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

Immunoassay.

Introduction:

Hantaviruses is part of the Bunyaviridae family of viruses. Hantaviruses are transmitted by aerosolized rodent excreta or rodent bites. The infection of Hantavirus is called hemorrhagic fever with renal syndrome (HFRS) relating with high mortality, and several other Hantaviruses are associated with the etiologic agents causing Hantavirus pulmonary syndrome (HPS) or Hantavirus cardiopulmonary syndrome (HCPS). Hantavirus infection increases vascular permeability and decreases blood pressure due to endothelial dysfunction, the most dramatic damage is seen in the kidneys, while lung, spleen, and gall bladder are most affected. Regions affected by HFRS include China, the Korean Peninsula, Russia, and northern and western Europe. Regions with the highest incidences of HPS or HCPS include Argentina, Chile, Brazil, the United States, Canada, and Panama. The agent causing HCPS in South America is Andes virus, one member of Hantavirus, which causes a person-to-person transmission, fatality rate, was reported about 25-35% in Argentina and of 37% in Chile.

Storage:

Upon arrival, Store at -20°C. Please avoid multiple freeze/thaw cycles.

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