
Product Data Sheet

Product Name: HTNV
 Cat. No.: GP25336
 Batch No.: 1

Product Data

Purity	>98%	Source	E.Coli
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms HTNV; Hantaan Virus; Hantavirus.

Amino Acid Sequence GSMATMEELQREINAHEGQLVIARQKVRDAEKQYEKDPDELNKRTLTDRE
 GVAVSIQAKIDELKRQLADRIATGKNLKGKEQDPTGVEPGDHLKERSMSLSY
 GNVLDLNHLDIDEPTGQTADWLSIVVYVD

Formulation HTNV is formulated in 1xPBS pH-7.4 and 0.05 Sodium azide.

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.

Stability

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

Background

The Hantavirus nucleocapsid (N) fusion protein is expressed in E. coli and is fused to

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Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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6xHis tag. Hantavirus nucleocapsid (N) is conserved among different strains, and is used to test the specific IgM and IgG to Hantavirus.

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