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HEV Mosaic-S

Catalog #:HEPS-281

For research use only.

Description: The e.coli derived HEV Mosaic-S protein contains 4 HEV immunodominant regions from the ORF2 and ORF3 having a total molecular mass of 33 kDa. The 4 HEV regions is a part of the 12 HEV regions. HEVMosaic-S comprises of epitope N- terminus of ORF2 and epitope of approximately 500

Purity:HEV Mosaic-S protein is >95% pure as determined by 10% PAGE (coomassie staining).

Purification Method:

HEV Mosaic-S was purified by proprietary chromatographic technique.

Specificty:

Immunoreactive with sera HEV-infected individuals.

Formulation:

25mM Tris-HCl, 1mM EDTA, 0.5M urea and 50% glycerol.

Usage:

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

Applications:

HEV Mosaic -S antigen is suitable ELISA and Western blots, excellent antigen for detection of HEV with minimal specificity problems.

Introduction:

Hepatitis E virus (HEV), the major etiologic agent of enterically transmitted non-A, non-B hepatitis worldwide, is a spherical, non-enveloped, single stranded RNA virus that is approximately 32 to 34 nm in diameter. HEV belongs to a genus of HEV-like viruses (unassigned genus). HEV has a single-stranded polyadenylated RNA genome of approximately 8 kb. Based on its physicochemical properties it is presumed to be a calici-like virus.

Storage:

HEV Mosaic-S protein althoµgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

To place an order, please Click HERE.