

## HEV Mosaic-S

**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

**Catalog #:** HEPS-281

For research use only.

**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.

**Specificity:**

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 drugs, 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 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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