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Hepatitis E Virus / HEV ORF2 (452-617) - Purified

Catalog No.: AR10614PU-S

Quantity: 0.1 mg

Concentration: 1.0 mg/ml

Background: 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.

Source: E. coli

Format: **Purity:** >95.0% pure as determined by 10.0% PAGE (coomassie staining).
Purification Method: Sepharose-Derived Purification.
Buffer System: 25mM Tris-HCl, 1mM EDTA, 0.5M Urea, 50% Glycerol

Applications: Antigen in ELISA and Western blots, excellent antigen for detection of HEV with minimal specificity problems.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description: The *E.coli* derived recombinant protein contains the HEV immunodominant regions from ORF2 452-617 amino acids.
Specificity: Immunoreactive with sera of HEV-infected individuals

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.