



HEV ORF2 (aa 403 - 461) (DAG580)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Hepatitis E Virus (HEV) ORF2 Antigen (a.a. 403-461) is 6kDa, and reactive with human HEV positive serum, also with Beta-galactosidase (114kDa) fused at the N-terminus. It was expressed in E.coli.
Antigen Description	The Hepatitis E Virus ORF2 antigen contains a high basic amino acid content, suggesting that it may be involved in the encapsidation of the genomic RNA by effectively neutralizing the negatively charged RNA.
Species	HEV
Purity	> 95% pure (SDS-PAGE and Bradford, et al)
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, Western blot and immunochromatographic assays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Molecular Weight	6kDa
Format	Purified, Liquid
Concentration	1 mg/ml (OD280nm)
Size	100 µg
Buffer	8M Urea, 20mM Tris-HCl, pH 8.0, 10mM beta-mercaptoethanol
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Hepatitis E virus is the causative agent of Hepatitis E.
Keywords	Hepatitis E Virus ORF2; HEV ORF2; HEV ORF2 antigen