

# Product Datasheet

## Hepatitis E Virus ELISA Kit (Colorimetric) KA1009

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**KA1009****Hepatitis E Virus ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Reactivity Notes</b>	Human
<b>Kit Components</b>	Microtiter Plate: Precoated with mixture of synthetic HEV polypeptides., Conjugate: Horseradish peroxidase conjugated goat anti-human IgM antibody. Ready to use., Non-Reactive Control: Inactivated normal human serum diluted in sample diluent, to be used without dilution., Reactive Control: Inactivated human serum, to be used without dilution., Sample Diluent: Buffered solution with animal serum and preservative., Wash Buffer (20X): 20-fold concentrated solution of buffered surfactant., Substrate A: Buffered solution with H <sub>2</sub> O <sub>2</sub> ., Substrate B: Buffered solution with TMB., Stop Solution: 2N Sulphuric Acid (H <sub>2</sub> SO <sub>4</sub> ). Caution: Caustic Material!
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Inter Assay</b>	CV% < 6.65%
<b>Intra Assay</b>	CV% < 1.99%
<b>Assay Type</b>	Sandwich ELISA
<b>Suitable Sample Type</b>	Plasma, Serum
<b>Sample Volume</b>	100 uL (1:100 prediluted)
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	HEV IgM (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of HEV specific IgM in human serum and plasma.

**Publications**

Krawczynski K, Aggarwal R, Kamili S. Hepatitis E. Infect Dis Clin North Am. 2000-09-01 [PMID: 10987115]

Riddell MA, Li F, Anderson DA. Identification of immunodominant and conformational epitopes in the capsid protein of hepatitis E virus by using monoclonal antibodies. J Virol. 2000-09-01 [PMID: 10933710]

Aggarwal R, Krawczynski K. Hepatitis E: an overview and recent advances in clinical and laboratory research. J Gastroenterol Hepatol. 2000-01-01 [PMID: 10719741]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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