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Product datasheet for BM1126

Hepatitis A Virus / HAV (surface Ag) Mouse Monoclonal Antibody [Clone ID: BGN/B5B3 (B5-B3)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BGN/B5B3 (B5-B3)
Applications:	ELISA, R
Recommended Dilution:	**IRMA.** **ELISA:** This antibody can be used in an Indirect ELISA as well.
Reactivity:	Hepatitis A Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Lysate from foetal kidney cells of rhesus monkey infected with extract from patient with active viral Hepatitis A.
Specificity:	This antibody is specific for Hepatitis A Surface Antigen.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

View online »

Background:

Hepatitis A Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus, classified within the genus hepatovirus of the picornavirus family and is among the smallest and structurally simplest of the RNA animal viruses. A single large polyprotein is expressed from a large open reading frame extending through most of the genomic RNA. This polyprotein is subsequently cleaved by a viral protease (3Cpro) to form three (possibly four) capsid proteins and several nonstructural proteins. HAV genomic replication occurs exclusively in the cytoplasm of the infected hepatocyte by a mechanism involving an RNA-dependent RNA polymerase.