

Product Specification Sheet

Cat # HAV11-M

Hepatitis A Virus (HAV) Monoclonal Antibody

Size: 1 mg

Hepatitis A (formerly known as infectious hepatitis) is an acute infectious disease of the liver caused by the hepatitis A virus (HAV), which is most commonly transmitted by the fecal-oral route via contaminated food or drinking water. Every year, approximately 10 million people worldwide are infected with the virus. The time between infection and the appearance of the symptoms, (the incubation period), is between two and six weeks and the average incubation period is 28 days. In developing countries, and in regions with poor hygiene standards, the incidence of infection with this virus is high[4] and the illness is usually contracted in early childhood. HAV has also been found in samples taken to study ocean water quality.[5] Hepatitis A infection causes no clinical signs and symptoms in over 90% of infected children and since the infection confers lifelong immunity, the disease is of no special significance to the indigenous population. In Europe, the United States and other industrialized countries, on the other hand, the infection is contracted primarily by susceptible young adults, most of whom are infected with the virus during trips to countries with a high incidence of the disease. Hepatitis A does not have a chronic stage, is not progressive, and does not cause permanent liver damage. Following infection, the immune system makes antibodies against HAV that confer immunity against future infection. The disease can be prevented by vaccination, and hepatitis A vaccine has been proven effective in controlling outbreaks worldwide

Antigen	Purified HAV
Host Animal	Mouse
Isotype	IgG2a,k
Form	Protein A/G affinity purified from ascites fluid supplied in PBS, pH 7.4 and 0.05% azide as preservative
Antibody concentration	1-5 mg/ml (lot sp. provided on the vial)
Storage	Short term at 2-8oC; Long term at -20oC
Stability	~1 year or more at -20oC; Avoid repeated freeze and thaw.
Specificity and crossreactivity	Specific for Hepatitis A and no reactivity with Hepatitis B or C viruses
Suggested Usage	Suitable for ELISA as coating antibody and tracer antibody; concentrations and conditions must be optimized for the assay
MSDS info	Natural protein; MSDS not applicable

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Related items available from ADI

AntibodyType	Catalog#	ProdDescription
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Goat-Poly	HBA11-A	Anti-Hepatitis Surface Antigen (HBsAg) IgG, aff pure
Mouse-Mono	HBA12-M	Mouse anti-Hepatitis Surface Antigen (HBsAg) (clone 1)
Horse-Poly	HBA15-A	Anti-Hepatitis Surface Antigen (HBsAg) IgG, aff pure
ELISA Kits		
4100		Hepatitis B Surface Antigen (HBsAg) ELISA kit, Quantitative
4210		Mouse Anti-Hepatitis B Surface Antigen (anti-HBsAg) ELISA kit, Semi-Quantitative
4220-AHB		Anti-Hepatitis B Surface Antigen (anti-HBsAg) ELISA kit, Quantitative
4230-AHB-R		Anti-Hepatitis B Surface Antigen (anti-HBsAg) rapid test strips
4300-AHG		Anti-Hepatitis A Virus IgG (HAV-IgG) ELISA kit, Quantitative
HAV11-M	100115A	

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