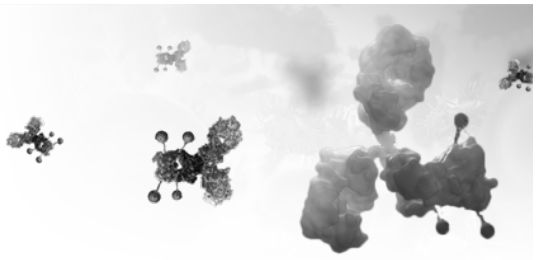

Native Inactivated HAV Antigen(>70%) (DAG178)

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

PRODUCT INFORMATION

Product Overview	Inactivated Native Hepatitis A Virus Antigen preparation is inactivated by incubating with formaldehyde for 96 hours.
Antigen Description	Inactivated Native Hepatitis A Virus Antigen contains a high concentration of viral antigen, predominantly in the form of whole virions.The preparation also contains a low concentration of formaldehyde with some host residual cellular material.
Species	HAV
Conjugate	Unconjugated
Applications	ELISA
Format	Inactivated Pathogen
Concentration	lot specific
Size	1 ml
Buffer	10mM PBS, pH 7.2
Preservative	0.03% ProClin300
Storage	Store at 2°C to 8°C

BACKGROUND

Introduction	HepatitisA Virus (HAV) is a 27nm nonenveloped, spherical, positive stranded RNA virus, classified within the genus hepatovirus of the picornavirus family and isamong the smallest and

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	structurally simplest of the RNA animal viruses. Asingle large polyprotein is expressed from a large open reading frameextending through most of the genomic RNA. This polyprotein is subsequentlycleaved by a viral protease (3Cpro) to form three (possibly four) capsidproteins and several nonstructural proteins. HAV genomic replication occursexclusively in the cytoplasm of the infected hepatocyte by a mechanisminvolving an RNA-dependent RNA polymerase.
Keywords	HAV; Hepatitis A Virus; Picornaviridae; Hepatovirus; Hepatitis A

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