



Native Hepatitis A Virus Antigen (DAG4428)

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

PRODUCT INFORMATION

Product Overview	Hepatitis A-Virus (HAV)
Specificity	HAV-Antigen content is defined by a standard lot in units per milliliter (U/ml), measured by HAV-Antigen EIA.
Species	HAV
Conjugate	Unconjugated
Applications	immunogen
Format	HAV-Antigen is prepared of the supernatant of infected Wannenstapel and dialysed against phosphat buffered saline. The product does not contain, and is not derived from, specified risk material as defined in Commission Decision 97/534/EC.
Preservative	0.05% Sodium Azide
Storage	2-8°C short term, -20°C long term

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 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