

# Product Information

## Hepatitis A Virus (HAV) Inactivated Virus

Cat. No.: **VLP-047YF**

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

Hepatitis A Virus stock is produced by cell culture and formulated with purified, intact viral particles. The virus particles have been chemically modified to render them non-infectious and refrigerator stable. The inactivation was verified in a standard microbiological growth protocol. HAV stock can be used in the development of HAV diagnostics and in vaccine development and R&D.

### Product Specifications

#### Expression Systems

Cell culture

#### Purity

>90%

#### Form

Liquid

#### Alternative Names

Hepatitis A Virus; HAV; Hepatitis A Virus antigen; HAV antigen

#### Storage

Store at -80°C long term. Avoid repeated freeze/thaw cycles.

### Virus Background

#### Virus Family

Picornaviridae

#### Virus Species

Hepatitis A virus

#### Virus Overview

Hepatovirus A is a picornavirus; it is not enveloped and contains a single-stranded RNA packaged in a protein shell. Only one serotype of the virus has been found, but multiple genotypes exist. In the region that codes for the HAV capsid, highly conserved clusters of rare codons restrict antigenic variability. Hepatitis A is an infectious disease of the liver caused by Hepatovirus A (HAV). Many cases have few or no symptoms. When symptoms occur, they typically last eight weeks and may include nausea, vomiting, diarrhea, jaundice, fever, and abdominal pain.

#### Virus Structure

Non-enveloped, positive-sense, single-stranded RNA virus

#### Related Disease

