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Datasheet for ABIN997030
HAV IgG ELISA Kit

Overview

Quantity:	96 tests
Target:	HAV IgG
Reactivity:	Hepatitis A Virus (HAV)
Method Type:	Competition ELISA
Application:	ELISA

Product Details

Purpose:	The HAV IgG ELISA test is an enzyme-linked immunosorbent assay (ELISA) which is used for the qualitative determination of IgG-class antibodies to hepatitis A virus (HAV-IgG) in serum/plasma.
Sample Type:	Serum
Analytical Method:	Qualitative
Detection Method:	Colorimetric
Specificity:	100%
Sensitivity:	100%

Target Details

Target:	HAV IgG
Alternative Name:	HAV IgG (HAV IgG Products)
Target Type:	Antibody

Target Details

Background: Hepatitis A is a self-limited disease and chronic stage or other complications are rare. Infections occur early in life in areas with poor sanitation and crowded living conditions. With improved sanitation and hygiene, infections are delayed and consequently the number of persons susceptible to the disease increases. Because the disease is transmitted through the fecal-oral route, in dense populated regions an outbreak can arise from single contaminated source. The cause of hepatitis A is hepatitis A virus (HAV)-non enveloped positive strand RNA virus with a linear single strand genome, encoding for only one known serotype. HAV has four major, structural polypeptides and it localizes exclusively in the cytoplasm of human hepatocytes. The infection with HAV induces strong immunological response and elevated levels first of IgM and then IgG are detectable within a few days after the onset of the symptoms. IgG is an indicator of past infection and immunity to HAV. The serological detection of HAV IgG is an important marker for confirming infection phase with HAV, classification of the virus and identifying the source of infection.

Application Details

Sample Volume:	50 µL
Assay Time:	1 - 2 h
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C
Expiry Date:	12-18 months