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Datasheet for ABIN997026 HEV Ab ELISA Kit

Overview

Quantity:	96 tests
Target:	HEV Ab
Reactivity:	Hepatitis E Virus (HEV)
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	ELISA KIT FOR TOTAL ANTIBODIES TO HEPATITIS E VIRUS Two-Step Incubation, Double Antigen Sandwich Principle
Sample Type:	Serum
Analytical Method:	Qualitative
Detection Method:	Colorimetric
Specificity:	99.60%
Sensitivity:	99.80%

Target Details

Target:	HEV Ab
Alternative Name:	HEV Ab (HEV Ab Products)
Background:	Hepatitis E virus (HEV) is a non-enveloped, single- stranded RNA virus identified in 1990. Infection with HEV induces acute or sub-clinical liver diseases similar to hepatitis A. HEV infections, endemic and frequently epidemic in developing countries, is seen also in developed

Target Details

countries in a sporadic form with or without a history of traveling to endemic area. The overall case-fatality is 0.5~3%, and much higher (15~25%) among pregnant women. A hypothesis that HEV infection is a zoonosis was presented in 1995. Then a swine HEV and later an avian HEV were identified and sequenced separately in 1997 and 2001. Since then, HEV infection include anti-HEV, viremia and feces excretion of HEV was seen in a wide variety of animals, i.e., swine, rodents, wild monkeys, deer, cow, goats, dogs and chicken in both the developing and developed countries. A direct testimony was reported that the consumption of uncooked deer meat contaminated with HEV led to acute hepatitis E in human, and HEV genome sequences can be detected in pork livers available in the supermarkets in Japan. With the discovery of conformational epitopes in HEV, HEV serology was further explored and understood. The phenomenon of long-lasting and protective antibodies to HEV was observed which greatly enhance the understanding to the diagnosis, epidemiology, zoonosis-related studies and vaccine development.

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