

Hepatitis Tests

The hepatitis viruses cause viral infection that attacks the liver and can cause both acute and chronic disease. Several different viruses cause hepatitis, including hepatitis A, B, C, D, and E. Wantai BioPharm's diagnostic products can be used to detect the disease.

Hepatitis D

HDV

Hepatitis D is caused by Hepatitis D virus – a defective (36nm-43nm) enveloped RNA virus, which requires co-infection with Hepatitis B virus (HBV) for its replication. When the virus genetic material is incorporated into the liver cells, HDV assembles itself by including HBV's surface antigen (HBsAg) into its cytoplasm. Then the complete virus is released from the host liver cell and can infect new cells.

The virus exists throughout the world and infection is always associated with serum that is positive for HBsAg. The presence of anti-HDV antibody in a subject who is negative for HBsAg but positive for anti-HBs indicates a previous infection. The infection is endemic in Southern Europe (Greece, Italy), Africa, the Middle East and Latin America.

ELISA Tests

HDV-IgG ELISA [View Information Pack](#)

Wantai HDV-IgG ELISA is used for qualitative determination of IgG antibodies against HDV.

HDV-IgM ELISA

Wantai HDV-IgM ELISA is used for qualitative determination of IgM antibodies against HDV.