ALPHA DIAGNOSTIC INTERNATIONAL

Hepatitis D Virus Recombinant

Life Technologies™ Your Molecular & Cell Technology Partner

Cat # RP-526 Recombinant Hepatitis D Virus **Size**: 100 ug

The HDV genome exists as a negative sense, single-stranded, closed circular RNA. Because of a nucleotide sequence that is 70% self-complementary, the HDV genome forms a partially double stranded RNA structure that is described as rod-like. With a genome of approximately 1700 nucleotides, It has been proposed that HDV may have originated from a class of plant viruses called viroids. Evidence in support of this hypothesis stems from the fact that both HDV and viroids exist as single-stranded, closed circular RNAs that have rod-like structures. Likewise, both HDV and viroids contain RNA sequences that can assume catalytically active structures called ribozymes.

Description:
The E.Coli derived recombinant protein contains the HDV immunodominant regions, amino acids 1-108aa, 151-209aa. Purified by proprietary chromatographic technique (>95%). It is supplied in 10mM carbonate buffer pH 10.0, NaCl 100mM and 50% glycerol. Upon arrival, Store at -20℃.
Stability: Five years frozen. One month in solution at room temperature.

Specificity:
Immunoreactive with sera HDV-infected individuals.

Suggested Applications:
Antigen in ELISA and Western blots, excellent antigen for detection of HDV with minimal specificity problems.

all items are for in vitro research use only.

Related items

AntibodyType	Catalog#	ProdDescription
Mouse-Mono	AB-15810	Mouse Anti-Hepatitis D Virus IgG

Rev. 90928A

Alpha Diagnostic Intl Inc., 6203 Woodlake Center Dr, San Antonio, TX 78244, USA; **Email**: service@4adi.com

India Contact:
Life Technologies (India) Pvt. Ltd.
306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com