



Recombinant HCV type 1b Core Nucleocapsid (DAG-T1142)

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

PRODUCT INFORMATION

Product Overview	E.coli derived protein recombinant. The protein contains the HCV core immunodominant regions
Species	HCV
Conjugate	Unconjugated
Preservative	None
Storage	Store at 2–8 °C

BACKGROUND

Introduction	Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10, 000 nucleotides and encodes a single polypeptide of about 3, 000 amino acids. The polypeptide is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Several different genotypes of HCV with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.
Keywords	HCcAg; Core protein p19; HCV core antigen; HCV core protein; Hepatitis C Virus core protein; HCV-1 Core Ag; Hepatitis C Virus Core Antigen, genotype 6a; Flaviviridae; Hepacivirus