



Recombinant HCV type 1b Core Nucleocapsid (a.a 1-91) [GST] (DAG4725)

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

PRODUCT INFORMATION

Product Overview	Hepatitis C Virus N24
Specificity	Immunoreactive with sera of HCV-infected individuals.
Species	HCV
Purity	> 95% by SDS-PAGE
Conjugate	GST
Applications	Antigen in ELISA and Western blots, excellent antigen for detection of HCV with minimal specificity problems.
Format	Liquid. Supplied in 20mM Tris-HCl pH 8, 1.5M urea and 10mM -mercaptoethanol.
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	HCV is a positive, single-stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non-structural protein 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	Core protein p19; HCV core antigen; HCV core protein; Hepatitis C Virus core protein; Hepatitis

C Virus Core Antigen; Hepatitis C virus; HCV; Flaviviridae; Hepacivirus; Hepatitis C virus;
Hepatitis C Virus N24; HCV N24
