



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

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| 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

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| 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
