



Recombinant HCV Core Antigen (DAG3071)

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

PRODUCT INFORMATION

Product Overview	Recombinant Hepatitis C Virus core Antigen
Specificity	Core antigen; truncated from C-terminus
Species	HCV
Purity	95% by SDS-PAGE
Conjugate	Unconjugated
Buffer	0.05M TRIS-saline, pH 8.0, 6M urea
Preservative	None
Storage	2-8°C short term, -20°C long term

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 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 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 Antige, genotype 6a; Flaviviridae; Hepacivirus