



Hepatitis C Vaccines (HCV) Antibody ELISA Kits, Recombinant Proteins, Peptides and Antibodies

Hepatitis C is an infectious disease affecting primarily the liver, caused by the hepatitis C virus (HCV). The hepatitis C virus (HCV) is a small, enveloped, single-stranded, positive-sense RNA virus.[4] It is a member of the hepacivirus genus in the family Flaviviridae. There are seven major genotypes of HCV, which are indicated numerically from one to seven. In the United States, about 70% of cases are caused by genotype 1, 20% by genotype 2, and about 1% by each of the other genotypes. Genotype 1 is also the most common in South America and Europe. The infection is often asymptomatic, but chronic infection can lead to scarring of the liver and ultimately to cirrhosis, which is generally apparent after many years. In some cases, those with cirrhosis will go on to develop liver failure, liver cancer or life-threatening esophageal and gastric varices.

HCV is spread primarily by blood-to-blood contact associated with intravenous drug use, poorly sterilized medical equipment and transfusions. An estimated 130–170 million people worldwide are infected with hepatitis C. The existence of hepatitis C (originally "non-A non-B hepatitis") was postulated in the 1970s and proven in 1989. Hepatitis C only infects humans and chimpanzees.

The virus persists in the liver in about 85% of those infected. This persistent infection can be treated with medication: the standard therapy is a combination of peg interferon and ribavirin, with either boceprevir or telaprevir added in some cases. Overall, 50–80% of people treated are cured. Those who develop cirrhosis or liver cancer may require a liver transplant. Hepatitis C is the leading cause of liver transplantation, though the virus usually recurs after transplantation. No vaccine against hepatitis C is available.

ADI has developing antibody ELISA kits to determine the efficacy of various existing vaccines and test new vaccines. Recombinant proteins from various HCV genotypes and antibodies are available to further research into the development of HCV vaccines.

Hepatitis C vaccine Related Antibodies and Reagentes kits

Catalog#	Product Description	Product Type
AB-15610	Mouse Anti-Hepatitis C Virus (HCV) NS3 IgG	Antibodies
HCV16-R	Recombinant (<i>P. pastoris</i>) HCV core protein (N-term 120 aa, ~16 Kda) (insoluble)	Rec. Protein
HCV21-R	Recombinant (<i>E. coli</i> , his-tag) HCV core protein Mosaic (nucleocapsid immunodominant regions)	Rec. Protein
HCV23-R	Recombinant (<i>E. coli</i>) HCV Antigen mosaic (Core 1b, Core 3g, NS3, NS41, NS411, & NC5) (insoluble)	Rec. Protein
HCV36-R	Recombinant (<i>E. coli</i>) HCV Antigens-GST fusion protein (mosaic of several antigenic epitopes) (soluble)	Rec. Protein
HNS35-R	Recombinant (<i>E. coli</i>) Hepatitis C Virus (HCV) NS3 protein (insoluble)	Rec. Protein
HNS36-R	Recombinant (<i>E. coli</i>) Hepatitis C Virus (HCV) NS3 Helicase, protein (soluble)	Rec. Protein
HNS37-R	Recombinant (<i>E. coli</i>) HCV NS3 1a helicase protein (full length33c) immunodominant regions (soluble)	Rec. Protein
HNS45-R	Recombinant (<i>E. coli</i>) HCV NS4 protein, fragments of the NS4 immunodominant region derived from 11 Hepatitis C Virus (HCV) genotypes, (soluble)	Rec. Protein
HNS55-R	Recombinant (<i>E. coli</i>) HCV NS5 protein, fragments of the NS5 immunodominant regions, (soluble)	Rec. Protein
RP-457	Recombinant Hepatitis C Virus (HCV) NS4 a+b, Biotin	Rec. Protein
RP-458	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-3/10	Rec. Protein
RP-459	Recombinant Hepatitis C Virus (HCV) NS4	Rec. Protein
RP-460	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-1a	Rec. Protein
RP-461	Recombinant Hepatitis C Virus (HCV) NS3 Gen.1b	Rec. Protein
RP-462	Recombinant Hepatitis C Virus (HCV) NS4 Mosaic	Rec. Protein
RP-463	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1a (2322-2423)	Rec. Protein
RP-464	Recombinant Hepatitis C Virus (HCV) Combined	Rec. Protein
RP-465	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1c	Rec. Protein
RP-466	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-2c (1192-1459)	Rec. Protein
RP-467	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-2b (1192-1459)	Rec. Protein
RP-468	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-6a (1192-1459)	Rec. Protein
RP-469	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-5a	Rec. Protein
RP-470	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-1	Rec. Protein
RP-471	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-2a	Rec. Protein
RP-472	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-3a	Rec. Protein
RP-473	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-4	Rec. Protein
RP-474	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-5	Rec. Protein
RP-475	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-6a	Rec. Protein
RP-476	Recombinant Hepatitis C Virus (HCV) NS5 Gen.1	Rec. Protein
RP-478	Recombinant Hepatitis C Virus (HCV) NS4, Horseradish Peroxidase Labeled	Rec. Protein

RP-479	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-3	Rec. Protein
RP-479	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-3	Rec. Protein
RP-480	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-4	Rec. Protein
RP-481	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-5	Rec. Protein
RP-482	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-6	Rec. Protein
RP-483	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) 22kDa, Biotin	Rec. Protein
RP-484	Recombinant Hepatitis C Virus (HCV) NS4 a+b, Rhodamine Labeled	Rec. Protein
RP-485	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1a	Rec. Protein
RP-486	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-1b	Rec. Protein
RP-487	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-2	Rec. Protein
RP-488	Recombinant Hepatitis C Virus (HCV) NS5 Gen. 2a	Rec. Protein
RP-489	Recombinant Hepatitis C Virus (HCV) NS5 Gen. 3a	Rec. Protein
RP-490	Recombinant Hepatitis C Virus (HCV) NS5 Gen. 3a	Rec. Protein
RP-491	Recombinant Hepatitis C Virus (HCV) NS5 Gen. -3b	Rec. Protein
RP-492	Recombinant Hepatitis C Virus (HCV) NS5 Genotype-6a	Rec. Protein
RP-493	Recombinant Hepatitis C Virus(HCV) NS5	Rec. Protein
RP-494	Recombinant Hepatitis C Virus (HCV) NS5, Biotin Labeled	Rec. Protein
RP-495	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-2b	Rec. Protein
RP-496	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-3b	Rec. Protein
RP-497	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) (105-302)	Rec. Protein
RP-498	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) 24	Rec. Protein
RP-499	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) 22kDa	Rec. Protein
RP-501	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core), Horseradish Peroxidase Labeled	Rec. Protein
RP-502	Recombinant Hepatitis C Virus (HCV) NS3, Biotin	Rec. Protein
RP-503	Recombinant Hepatitis C Virus (HCV) Nucleocapsid (core) Genotype-1b	Rec. Protein
RP-504	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1a (1192-1459)	Rec. Protein
RP-505	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1b (1192-1459)	Rec. Protein
RP-506	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1a (1356-1459)	Rec. Protein
RP-507	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-1b (1356-1459)	Rec. Protein
RP-508	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-2b (1356-1459)	Rec. Protein
RP-509	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-3 (1356-1459)	Rec. Protein
RP-510	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-4 (1356-1459)	Rec. Protein
RP-511	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-5 (1356-1459)	Rec. Protein
RP-512	Recombinant Hepatitis C Virus (HCV) NS3 Genotype-6 (1356-1459)	Rec. Protein