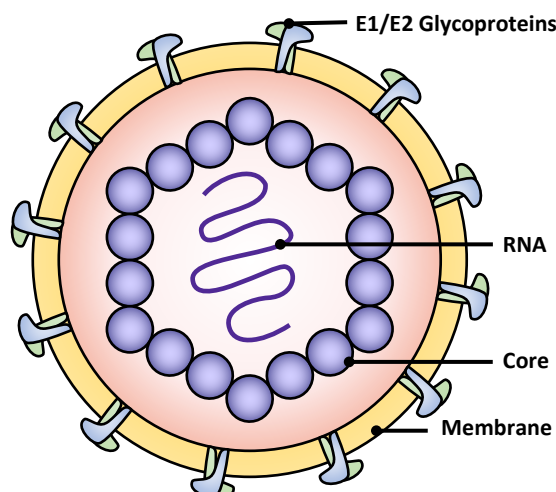


Hepatitis Antigens and Antibodies

According to estimates by the World Health Organization, 354 million people are infected with Hepatitis B or C. While effective vaccines are available for Hepatitis A, B, D, and E, there is no vaccine for Hepatitis C (HCV) available yet. Early detection of an HCV infection is thereby an important premise for antiviral treatment to reduce risk of late-stage complications such as cancer and liver cirrhosis. In addition, it is an important tool to prevent further transmission by contaminated blood. While acute Hepatitis infections may go unnoticed due to mild symptoms, chronic infections often result in severe complications such as liver disease and, without proper medical treatment, death.

For the development of new vaccines and treatment strategies, Dunn Labortechnik offers many different antibodies and antigens from different suppliers.



Hepatitis C Virus Particle

– Antigens –

Hepatitis A

Cat. No.	Antigen	Use	Host	Unit
8198	HAV Antigen, >60% Viral Protein	CLI, EIA, WB	FRhK-4 Cells	1 ml
R18610	HAV VP3, Recombinant	EIA, WB	E. coli	1 mg
IHEPAHEPAVP3R	HAV VP3, Recombinant	EIA	E. coli	10 µg

Hepatitis B

Cat. No.	Antigen	Use	Host	Unit
IHEPBHEPB COREPPR	Core Antigen	EIA, WB	P. pastoris	10 µg
IHEPBHEPB CORE1183AAR	Core Antigen (1 - 183 a.a.), Recombinant	EIA	E.coli	10 µg
IHEPBHEPB CORE180AAR	Core Antigen (180 a.a.), Recombinant	EIA, WB	E. coli	10 µg
R65914	Core Antigen (184 a.a.) 19kDa, Recombinant	EIA, WB	E. coli	0.1 mg
R8A100	Core Antigen (a.a. 1-144) 14kDa, Recombinant	EIA, WB	E. coli	0.5 mg
R8A120	Core Antigen (a.a. 1-183) 18kDa, Recombinant	EIA, LF, WB	E. coli	0.5 mg
VTI610	Core Virus (183 a.a.), Recombinant	EIA, WB	P. pastoris	1 mg
R65915	'e' Antigen (160 a.a.) 17kDa, Recombinant	EIA, WB	E. coli	0.1 mg
IB28	'e' Antigen, Recombinant	EIA, LFA		variable
IHEPBHEPB EANTR	'e' Antigen, Recombinant	EIA, WB	E. coli	10 µg
R18915	'e' Antigen, Recombinant	EIA, WB	E. coli	1 mg
R65913	Presurface S1 (108 a.a.) 13.5kDa, Recombinant	EIA, WB	E. coli	0.1 mg
IHEPBHEPB PRES1R	Presurface S1, Recombinant	EIA, WB	E. coli	10 µg
R01579	Presurface S1+S2	EIA	E. coli	1 mg
IHEPBHEPB PRES1S2R6HIS	Presurface S1+S2, Recombinant, terminal 6-His	EIA	E. coli	10 µg
R01580	Presurface S2	EIA	E. coli	1 mg
IHEPBHEPB PRES2R6HIS	Presurface S2, Recombinant, terminal 6-His	EIA	E. coli	10 µg
R01215	Surface Antigen (adr), Recombinant	EIA, LF	Baculovirus	1 mg
R01652	Surface Antigen (adr), Recombinant	CLI, EIA, LF, WB	CHO Cells	0.5 mg
R01289	Surface Antigen (adw), Recombinant	EIA, WB	S. cerevisiae	0.1 mg
R01403	Surface Antigen (adw), Recombinant	EIA	P. pastoris	1 mg
R18560	Surface Antigen (adw), Recombinant	EIA, WB	P. pastoris	0.5 mg
R01290	Surface Antigen (ayw), Recombinant	EIA, WB	S. cerevisiae	0.1 mg
IHEPBHEPBS AGADR	Surface Antigen (Subunit AD), Recombinant	EIA, WB	S. cerevisiae	10 µg
IHEPBHEPBS AGAYR	Surface Antigen (Subunit AY), Recombinant	EIA, WB	S. cerevisiae	10 µg
IB27	Surface Antigen, Recombinant	EIA, LFA		variable

– Antigens–

Hepatitis C

Cat. No.	Antigen	Use	Host	Unit
BN1031	Capsid, Recombinant, Subtype 1a	EIA, LF	E. coli	1 mg
BN1033	Capsid, Recombinant, Subtype 1b	EIA, LF	E. coli	1 mg
BN1034	Capsid, Recombinant, Subtype 2a	EIA, LF	E. coli	1 mg
BN1035	Capsid, Recombinant, Subtype 3a	EIA, LF	E. coli	1 mg
BN1036	Capsid, Recombinant, Subtype 4a	EIA, LF	E. coli	1 mg
BN1037	Capsid, Recombinant, Subtype 6a	EIA, LF	E. coli	1 mg
BN1032	Chimeric, Recombinant, NS3+Capsid, Subtype 1b, N-term His-Tag	EIA, LF	E. coli	1 mg
IHEPCHEPCCOREAA2192R	Core (a.a. 2 - 192) Recombinant, β -Galactosidase	EIA	E. coli	10 μ g
R18150	Core Antigen (a.a. 2-120) Genotype 3, Recombinant	EIA, WB	E. coli	1 mg
R8A115	Core Antigen (a.a. 2-192), Recombinant	EIA, WB	E. coli	1 mg
R01548	Core NS3/NS4, Recombinant	EIA	E. coli	1 mg
R01599	Core NS3/NS4/NS5, Recombinant	EIA, LF, Pr	E. coli	1 mg
R01600	Core NS3/NS4/NS5, Recombinant	EIA, LF, Pr	E. coli	1 mg
IHEPCHEPCCORER	Core, Recombinant	EIA	E. coli	10 μ g
IHEPCHEPCCOREPPR	Core, Recombinant	EIA, WB	P. pastoris	10 μ g
IHEPCHEPCE1R	E1, Recombinant	EIA	E. coli	10 μ g
IHEPCHEPCE2R	E2, Recombinant	EIA	E. coli	10 μ g
IHEPCHEPCHCR	Helicase, Recombinant	EIA	E. coli	10 μ g
IHEPCHEPCNS3AA12301501R	NS3 (a.a. 1230 - 1501), Recombinant	EIA	E. coli	10 μ g
R8A442	NS3 Antigen (a.a. 1450-1643) Recombinant	EIA, WB	E. coli	0.5 mg
R18358	NS3 c33c (a.a. 1192-1459) Subtype 1a, Recombinant	EIA, WB	E. coli	1 mg
R18800	NS3 c33c (a.a. 1192-1459) Subtype 2b, Recombinant	EIA, WB	E. coli	1 mg
R01234	NS3, C-Terminal, Recombinant	EIA	E. coli	0.1 mg
BN1250	NS3/Core/NS4/NS5 Recombinant	LF	E. coli	1 mg
BN1218	NS3 Helicase, Recombinant	EIA	Baculovirus	1 mg
IHEPCHEPCNS3R	NS3, Recombinant	EIA	E. coli	10 μ g
IHEPCHEPCNS3RGST	NS3, Recombinant, GST	EIA	E. coli	10 μ g
R18541	NS4 Ag, Recombinant	EIA, WB	E. coli	1 mg
BN1216	NS4, Recombinant	EIA	E. coli	1 mg
IHEPCHEPCNS4R	NS4, Recombinant, β -Galactosidase	EIA, WB	E. coli	10 μ g
R8A611	NS4a+b Antigen (a.a. 1658-1863) Recombinant	EIA, WB	E. coli	0.1 mg
R8A116	NS4a+b Antigen (a.a. 1658-1863), Recombinant	EIA, WB	E. coli	0.5 mg
BN1217	NS5, Recombinant	EIA	E. coli	1 mg
R18190	NS5 (a.a. 2212-2313) Genotype 1, Recombinant	EIA, WB	E. coli	1 mg
R18206	NS5 (a.a. 2322-2423) Genotype 1a, Recombinant	EIA, WB	E. coli	1 mg
IHEPCHEPCNS5ARGST	NS5a, Recombinant, GST	EIA	E. coli	10 μ g
R18523	Nucleocapsid NS3/NS4/NS5, Recombinant	EIA, WB	E. coli	1 mg
VTI710	Nucleocapsid Protein, Recombinant	EIA, WB	P. pastoris	1 mg

Hepatitis D

Cat. No.	Antigen	Use	Host	Unit
R18420	Hepatitis D Virus (HDV), Recombinant	EIA, WB	E. coli	1 mg

Hepatitis E

Cat. No.	Antigen	Use	Host	Unit
R8A310	ORF2 Antigen (a.a. 633-659), Recombinant	EIA, WB	E. coli	0.1 mg
R8A320	ORF3 Antigen (a.a. 92-123), Recombinant	EIA, WB	E. coli	0.1 mg
R8A330	ORF2 Antigen (a.a. 403-461), Recombinant	EIA, WB	E. coli	0.1 mg
R18250	ORF2 and ORF3 Antigen, Recombinant	EIA, WB	E. coli	1 mg
IHEPEHEPEORF2AA403461R	ORF2 (a.a. 403 - 461), Recombinant, β -Galactosidase	EIA	E. coli	10 μ g
IHEPEHEPEORF2R	ORF2 Recombinant, β -Galactosidase	EIA	E. coli	10 μ g
IHEPEHEPEORF3R	ORF3 Recombinant, β -Galactosidase	EIA	E. coli	10 μ g

– Antibodies –

Hepatitis A

Cat. No.	Specificity	Host	Clonality	Isotype	Use	Unit
C01853M	Hepatitis A Virus	Mouse	Monoclonal	IgG1	EIA, IFA	1 mg
C01854M	Hepatitis A Virus	Mouse	Monoclonal	IgG2b	EIA, IFA	1 mg
C01855M	Hepatitis A Virus	Mouse	Monoclonal	IgG2a	EIA, IFA	1 mg
C65881M	Hepatitis A Virus	Mouse	Monoclonal	IgG1	EIA, IFA, IHC	1 mg
BN1154	Hepatitis A Virus	Mouse	Monoclonal	IgG2a,k	EIA, IFA	1 mg
BN1155	Hepatitis A Virus	Mouse	Monoclonal	IgG3,k	EIA, IFA	1 mg
BN1156	Hepatitis A Virus	Mouse	Monoclonal	IgG3,k	EIA, IFA	1 mg
B65808G	Strain HM175	Goat	Polyclonal	N/A	EIA	1 ml
C65885M	Surface Protein	Mouse	Monoclonal	IgG2a	EIA	1 mg

Hepatitis B

Cat.	Specificity	Host	Clonality	Isotype	Use	Unit
C01557M	Core Antigen	Mouse	Monoclonal	IgG2a	EIA, Pr	1 mg
C86317M	Core Antigen	Mouse	Monoclonal	IgG2a	EIA, Pr, WB	1 mg
IA29-Ab1	Core Antigen	Mouse	Monoclonal	IgG2a	EIA, LFA	variable
C01556M	Core Antigen	Mouse	Monoclonal	IgG2b	EIA, Pr	1 mg
IA29-Ab2	Core Antigen	Mouse	Monoclonal	IgG2b	EIA, LFA	variable
C8A034M	Core Antigen (ayw) (a.a. 135-140)	Mouse	Monoclonal	IgG2b	EIA, IB, IP, WB	0.1 mg
C8A033M	Core Antigen (ayw) (a.a. 70-80)	Mouse	Monoclonal	IgG2a	EIA, IFA, WB	0.1 mg
C65218M	'e' Antigen	Mouse	Monoclonal	IgG1	EIA, Pr	1 mg
IA28	'e' Antigen	Mouse	Monoclonal	IgG1	EIA, LFA	variable
C01693M	'e' Antigen	Mouse	Monoclonal	IgG2a	EIA, Pr, LF	1 mg
C01692M	'e' Antigen	Mouse	Monoclonal	IgG2b	EIA, Pr, LF	1 mg
C8A031M	Presurface Antigen (adw) (a.a. 132-137)	Mouse	Monoclonal	IgG1	EIA, IFA, WB	0.1 mg
C86401M	Surface Antigen	Mouse	Monoclonal	IgG1	EIA, Pr	1 mg
IA27	Surface Antigen	Mouse	Monoclonal	IgG1	EIA, LFA	variable
BN1097	Surface Antigen	Mouse	Monoclonal	IgG1,k	EIA, LF, Pr	1 mg
C86303M	Surface Antigen	Mouse	Monoclonal	IgG2a	EIA, Pr	1 mg
BN1099	Surface Antigen	Mouse	Monoclonal	IgG2a,k	EIA, LF, Pr	1 mg
BN1219	Surface Antigen	Rabbit	Monoclonal	IgG,k	EIA, LF	1 mg
BN1231	Surface Antigen	Rabbit	Monoclonal	IgG,k	EIA, LF	1 mg
C45098M	Surface Antigen (ad)	Mouse	Monoclonal	IgG1	EIA, IP, RIA	1 mg
HHPB-55A	Surface antigen (ad/ay)	Horse	Polyclonal	IgG	EIA, LFA	1 mg
C18286M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG1	EIA, LF, Pr	1 mg
C45100M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG1	EIA, IP, RIA	1 mg
C01457M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG1,k	EIA, Pr, LF	1 mg
C01249M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG2a	EIA, Pr	1 mg
C01455M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG2a,k	EIA, LF, LAT	1 mg
C92100M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG2b	EIA, RIA	1 mg
C01465M	Surface Antigen (ad/ay)	Mouse	Monoclonal	IgG2b,l	EIA, LF, Pr	1 mg
B65807B	Surface Antigen (ad/ay)	Goat	Polyclonal	N/A	EIA, IEP	1 ml
B65811R	Surface Antigen (ad/ay)	Rabbit	Polyclonal	N/A	EIA	1 ml
C8A032M	Surface Antigen (adw/ayw)	Mouse	Monoclonal	IgG1	EIA, IFA	0.1 mg
C45704M	Surface Antigen (ay)	Mouse	Monoclonal	IgG1	EIA, IP, RIA	1 mg
MAV18-004	Surface Antigen (ay)	Mouse	Monoclonal	IgG2a,k	EIA, Pr	1 mg
C86322M	Surface Antigen (ayw)	Mouse	Monoclonal	IgG1	EIA, Pr	1 mg
C01768M	X Antigen	Mouse	Monoclonal	IgG1	EIA, WB	1 mg
C01767M	X Antigen	Mouse	Monoclonal	IgG2a	EIA, WB	1 mg

In addition to antibodies against Hepatitis antigens, many antibodies and antigens to other infectious diseases, as well as human and animal proteins, are available from Dunn Labortechnik. An overview of available products from our manufacturing suppliers Icon Medlab, Immunology Consultants Laboratory (ICL), Innovative Research and Meridian Bioscience can be found on our website:

<https://www.dunnlab.de/en-gb/immunoreagenzien-nach-hersteller>

– Antibodies –

Hepatitis C

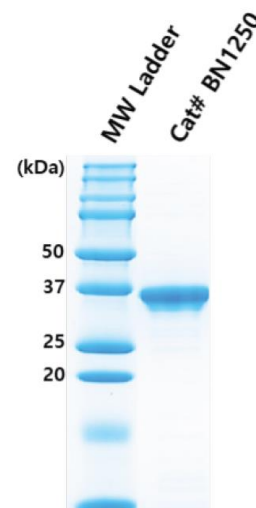
Cat.	Specificity	Host	Clonality	Isotype	Use	Unit
BN1102	Capsid	Mouse	Monoclonal	IgG2a,k	EIA, LF	1 mg
C65185M	Core Antigen	Mouse	Monoclonal	IgG1	EIA, IFA, WB	1 mg
B65168G	Core Antigen (a.a. 1-120)	Goat	Polyclonal	N/A	EIA, WB	1 ml
C8A016F	Core Antigen (a.a. 1-80)	Mouse	Monoclonal	IgG2a	EIA, IFA, IHC	0.1 mg
C8A116M	Core Antigen (a.a. 2-192)	Mouse	Monoclonal	IgG1	EIA, WB	0.1 mg
C8A117M	Core Antigen (a.a. 2-192)	Mouse	Monoclonal	IgG2a	EIA, WB	0.1 mg
C65317M	Core Antigen (a.a. 33-38)	Mouse	Monoclonal	IgG1	EIA, IFA, IHC, Pr, WB	1 mg
C8A216M	Core Antigen (a.a. 70-90)	Mouse	Monoclonal	IgG1	EIA, IHC, WB	0.1 mg
C8A017B	Core Antigen (a.a. 80-120)	Mouse	Monoclonal	IgG2a	EIA	0.1 mg
C01252M	Core Antigen 1a and 2	Mouse	Monoclonal	IgG1	EIA, IFA, Pr	1 mg
C01251M	Core Antigen 1a and 2	Mouse	Monoclonal	IgG2a	EIA, Pr	1 mg
C01253M	Core Antigen Genotypes 1a and 2	Mouse	Monoclonal	IgG1	EIA, IFA, Pr, WB	1 mg
C65198M	E1	Mouse	Monoclonal	IgG1	EIA, IFA, WB	0.1 mg
B01437G	E1	Goat	Polyclonal	N/A	EIA, IFA, WB	1 ml
C65167M	E2	Mouse	Monoclonal	IgG1	EIA, IFA, WB	1 mg
B65581G	E2 (a.a. 384-665)	Goat	Polyclonal	N/A	EIA, IFA, WB	1 ml
BN1101	Hepatitis C	Mouse	Monoclonal	IgG1,k	EIA, LF, Pr	1 mg
C65371M	NS-3	Mouse	Monoclonal	IgG1	EIA, IFA, WB	1 mg
B65178G	NS-3 Region	Goat	Polyclonal	N/A	EIA, IFA, WB	1 ml
C65859M	NS-3 Region (a.a. 1252-1477)	Mouse	Monoclonal	IgG2	EIA, WB	1 mg
C8A217M	NS-3 Region (a.a. 1350-1460)	Mouse	Monoclonal	IgG1	EIA, IHC	0.1 mg
B65188G	NS-4 Region	Goat	Polyclonal	N/A	EIA, WB	1 ml
C8A018F	NS-4 Region (Recomb. & Native)	Mouse	Monoclonal	IgG2a	EIA, IFA, IHC, WB	0.1 mg
C8A018M	NS-4 Region (Recomb. & Native)	Mouse	Monoclonal	IgG2a	EIA, WB	0.1 mg
C8A236M	NS-4a Region (a.a. 1700-1710)	Mouse	Monoclonal	IgG1	EIA, IHC, WB	0.1 mg
C8A246M	NS-4b Region (a.a. 1710-1730)	Mouse	Monoclonal	IgG2b	EIA, IHC, WB	0.1 mg
C65388M	NS-5a Region	Mouse	Monoclonal	IgG2a	EIA, IFA, WB	1 mg
C8A256M	NS-5a Region (a.a. 2190-2300)	Mouse	Monoclonal	IgG1	EIA, IHC, WB	0.1 mg

New! HCV Chimeric Antigen by Meridian Bioscience

Meridian Bioscience recently developed a new chimeric antigen consisting of a combination of core antigen, NS3, NS4 and NS5 antigen as well as an N-terminal His-tag (cat. no. **BN1250**). This chimeric antigen has a molecular weight of 33 kDa (measured by SDS-PAGE) and was designed for lateral flow tests or in ELISA antibody detection assays.



The Core protein aggregates within the virus particle to form the viral capsid. The protease NS3 cleaves the viral polyprotein during HCVs life cycle with NS4a functioning as an important anchor and cofactor. NS5a and NS5b play an important role in regulating viral assembly and replication.



10 % SDS-Page of purified HCV chimeric antigen.

For more information and full product lists, please visit our website www.dunnlab.de or contact us directly at info@dunnlab.de.