



MADE FOR VIROLOGY

SCIENCE ESSENTIALS

**VIRUS
BIO-BANK AND
LAB ESSENTIALS**

Catalogue 2023/2024

VIROLOGY LAB ESSENTIALS

Based on their many years of experience, Made for Virology offers a variety of products essential for virology research.

BUFFERS:

Cell lysis buffer, 10/100 mL	BSM001/BSD001
SuperPure virus lysis buffer, 10/100 mL	BSM002 /BSD002
Protein extraction buffer, 10/100 mL	BSM003 /BSD003
Virus inactivation buffer, 10/100 mL	BSM004 /BSD004
Virus prolonged storage buffer, 10/100 mL	BSM005 /BSD005
VLP prolonged storage buffer, 10/100 mL	BSM006 /BSD006
Protein prolonged storage buffer, 10/100/100 mL	BSM007 /BSD007
Virus freezing buffer, 10/100 mL	BSM008 /BSD008
VLP freezing buffer, 10/100 mL	BSM009 /BSD009
Protein freezing buffer, 10/100 mL	BSM010 /BSD010

QUICK VIRUS CT TITER KITS:

Quick Ct titer kit - SARS-CoV-2	QCT001
Quick Ct titer kit - IVA	QCT002
Quick Ct titer kit - IVB	QCT003
Quick Ct titer kit - RSV	QCT004
Quick Ct titer kit - EBV	QCT005
Quick Ct titer kit - Baculovirus	QCT006
Quick Ct titer kit - HSV1	QCT007
Quick Ct titer kit - EHV1	QCT008
Quick Ct titer kit - EAV	QCT009

VIROLOGY LAB ESSENTIALS

QuickSEP
Separation columns



Made for Virology provides a family of quick separation columns that assist researchers in obtaining purified virus, VLP, exosome, or protein complexes from crude supernatants and cell lysates in less than 30 minutes.

QUICK SEPARATION COLUMNS:

Enveloped virus quick separation column	QSC001
Non-enveloped virus quick separation column	QSC002
Enveloped VLP quick separation column	QSC003
Non-enveloped VLP quick separation column	QSC004
Exosome quick separation column	QSC005
Protein multimers quick separation column	QSC006
Quick immunoprecipitation column	QSC007
Quick separation column for biological nanocoating	QSC008
Quick separation column for chemical nanocoating	QSC009

For more please visit our online store at
www.nanoexpo.eu

PCR ESSENTIALS

PCR-PositiveControl

Made for Virology offers a variety of viral genomic RNA and DNA internal controls to meet your molecular testing requirements.

Increased nucleic acid stability from degradation provides reliable, high-quality controls for all NAAT assays.

GENOMIC RNA/DNA CONTROLS:

• RNA VIRUSES:

Influenza A Virus		
	H1N1 (human pandemic)	PPC001
	H5N2 (avian)	PPC002
	H7N1 (avian)	PPC003
	H3N2 (swine)	PPC004
Influenza B Virus		PPC005
Rhinovirus		PPC006
Respiratory Syncythial Virus	RSV-A	PPC007
Coronavirus	OC4	PPC008
Artervirus	EAV	PPC009

• DNA VIRUSES:

Human Herpesvirus		
	EBV	PPC010
	HSV-1 (HHV-1)	PPC011
Animal Herpesvirus	EHV-1	PPC012

PCR ESSENTIALS

PCR-GeneControl

Made for Virology offers wide selection of PCR positive controls for specific virus genes. Increased nucleic acid stability from degradation provides reliable, high-quality target-specific internal controls.

Influenza A Gene controls:

HA full -H5N1 - A/H5N1/POLAND/2009	PGC001
HA full -H1N1	PGC002
HA full -H7N9 - A/H7N9/Shanghai /02/2013	PGC003
HA full H3N2 - H3N2/Texas /2012	PGC004
HA head-H9 - H9N2/turkey/Poland/2016/13	PGC005
HA head H5N8/A/TURKEY/GERMANY-MV/R2472/2014	PGC006
HA head H10N8 /A/eurasian coot/ germany/r411/2010	PGC007
HA full H5N2/ostrich/Denmark/725/96 (H5N2)	PGC008
HA full H5N8/A/TURKEY/GERMANY-MV/R2472/2014	PGC009
M1 matrix gene from A/H5N1/POLAND/2011	PGC010
NA full -H5N1 - A/H5N1/POLAND/2009	PGC011
NA full -H1N1	PGC012
NA full H5N2/ostrich/Denmark/725/96 (H5N2)	PGC013

SARS-CoV-2 Gene controls:

Spike protein Wuhan	PGC014
Nucleocapsid protein Wuhan	PGC015
Membrane protein Wuhan	PGC016
Envelope protein Wuhan	PGC017

PCR ESSENTIALS

Norovirus Gene controls:

VP1 Norwalk	PGC018
VP1 GII.1	PGC019
VP1 GII.2	PGC020
VP1 GII.3	PGC021
VP1 GII.4 Sydney	PGC022
VP1 GII.4 Minerva	PGC023
VP1 GII.4 Huston	PGC024
VP1 GII.4 Snow mountain	PGC025
VP1 GII.5	PGC026
VP1 GII.17	PGC027

Human Papilloma Virus Gene controls:

L1 HPV16	PGC028
L2 HPV16	PGC029
L1 HPV18	PGC030

Rabbit Hemorrhagic Disease Virus Gene controls:

VP60 RHDV.1 (GI.1)	PGC031
VP60 RHDV.2 (GI.2)	PGC032

Nodavirus Gene controls:

CP1 Orsay	PGC033
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PROTEIN SCIENCE ESSENTIALS

WB/ELISA PositiveControl

Made for Virology provides a wide range of viral proteins for use as antibody/loading controls in immunoassays. Our products serve as a validated positive control for western blotting and ELISA applications, as well as antibody verification.

Influenza A recombinant proteins:

HA full -H5N1 - A/H5N1/POLAND/2009	WE01001
HA full -H1N1	WE01002
HA full -H7N9 - A/H7N9/Shanghai /02/2013	WE01003
HA full H3N2 - H3N2/Texas /2012	WE01004
HA head-H9 - H9N2/turkey/Poland/2016/13	WE01005
HA head H5N8/A/TURKEY/GERMANY-MV/R2472/2014	WE01006
HA head H10N8 /A/eurasian coot/ germany/r411/2010	WE01007
HA full H5N2/ostrich/Denmark/725/96 (H5N2)	WE01008
HA full H5N8/A/TURKEY/GERMANY-MV/R2472/2014	WE01009
M1 matrix gene from A/H5N1/POLAND/2011	WE01010
NA full -H5N1 - A/H5N1/POLAND/2009	WE01011
NA full -H1N1	WE01012
NA full H5N2/ostrich/Denmark/725/96 (H5N2)	WE01013

SARS-CoV-2 recombinant proteins:

Spike protein S full SARS-CoV-2 Wuhan	WE03001
Nucleocapsid protein N full SARS-CoV-2 Wuhan	WE03002
Matrix protein M full SARS-CoV-2 Wuhan	WE03003
Envelope protein E full SARS-CoV-2 Wuhan	WE03004
Nucleocapsid protein N NTD domain	WE03005

PROTEIN SCIENCE ESSENTIALS

Human Norovirus (hNoV) recombinant proteins

Major capsid protein VP1 Norwalk	WE07001
Major capsid protein VP1 GII.1	WE07002
Major capsid protein VP1 GII.2	WE07003
Major capsid protein VP1 GII.3	WE07004
Major capsid protein VP1 GII.4 Sydney	WE07005
Major capsid protein VP1 GII.4 Minerva	WE07006
Major capsid protein VP1 GII.4 Huston	WE07007
Major capsid protein VP1 GII.4 Snow mountain	WE07008
Major capsid protein VP1 GII.5	WE07009
Major capsid protein VP1 GII.17	WE07010

Human Papilloma Virus (HPV) recombinant proteins

Major capsid protein L1 HPV16	WE08001
Minor capsid protein L2 HPV16	WE08002
Major capsid protein L1 HPV18	WE08003

Rabbit Hemorrhagic Disease Virus (RHDV) recombinant proteins

Major capsid protein VP60 RHDV.1 (GI.1d) SGM	WE09001
Major capsid protein VP60 RHDV.2 (GI.2) PIN	WE09002
Major capsid protein VP60 RHDVa (GI.1a) GRZ	WE09003

Nodavirus recombinant proteins:

Capsid protein CP1 Orsay	WE10001
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PROTEIN SCIENCE ESSENTIALS

Equine herpesvirus (EHV1) recombinant proteins

Glycoprotein gp2	WE11001
Glycoprotein gG VCKBP family	WE11002

Equine herpesvirus (EHV4) recombinant proteins

Glycoprotein gG VCKBP family	WE12001
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Infectious pancreatic necrosis Virus (IPNV) recombinant proteins

Capsid protein VP2 precursor 2-526 aa	WE13001
Capsid protein VP2 2-442 aa	WE13002
Capsid protein rVP2 + signal peptide 2-452 aa	WE13003

Infectious Salmon Anemia Virus (ISAV) recombinant proteins

Matrix protein M1	WE14001
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Viral Hemorrhagic Septicemia Virus (VHSV) recombinant proteins

Matrix protein	WE15001
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PROTEIN SCIENCE ESSENTIALS

Salmon Pancreas Disease Virus / Salmonid Alfavirus (SAV) recombinant proteins

Capsid protein	WE16001
Glycoprotein I1 domain 3	WE16002

Yellow Head Virus / Gill-Associated Virus (GAV) recombinant proteins

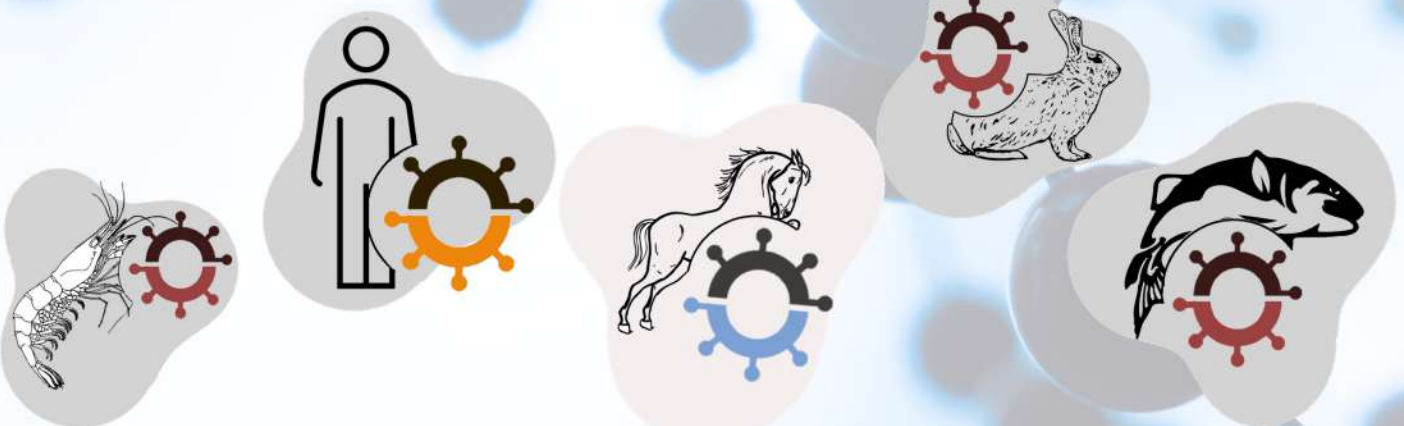
Nucleocapsid protein P20	WE17001
Envelope protein gp64	WE17002

White Spot Syndrome Virus (WSSV) recombinant proteins

Structural protein VP28	WE18001
Tegument protein VP26	WE18002

Infectious Hematopoietic Necrosis Virus (IHNV) recombinant proteins

Capsid protein	WE19001
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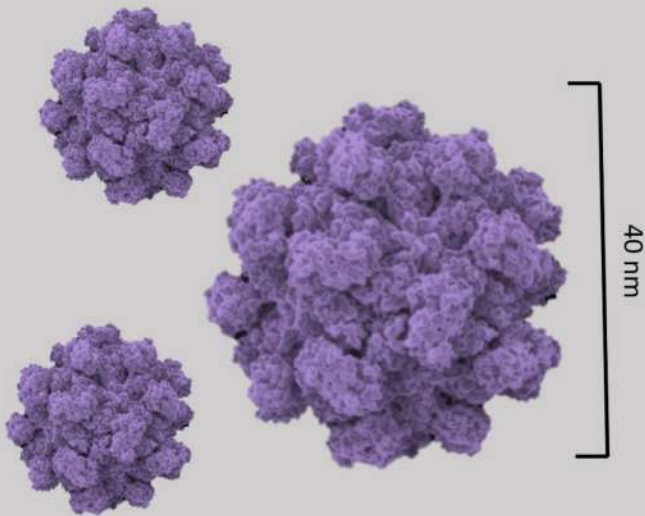


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VLP ESSENTIALS

VLP Positive Control

Made for Virology offers a variety of VLPs - non-enveloped, enveloped and chimeric virus-like particles.

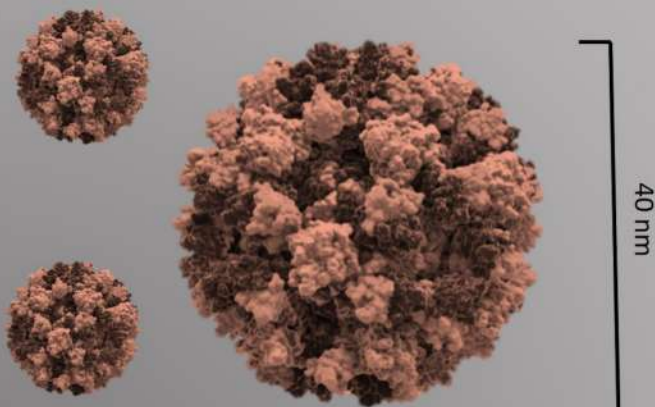


Norovirus (NoV) VLP

Recombinant Norovirus Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells. VLPs consist of Norovirus VP1 structural protein, transiently expressed to form a nanoparticle. VLPs do not contain non-structural proteins or genome and are non-infectious.

Strains available:

Norwalk	GII.4 Huston
GII.1	GII.4 Snow mountain
GII.2	GII.5
GII.3	GII.17
GII.4 Sydney	
GII.4 Minerva	

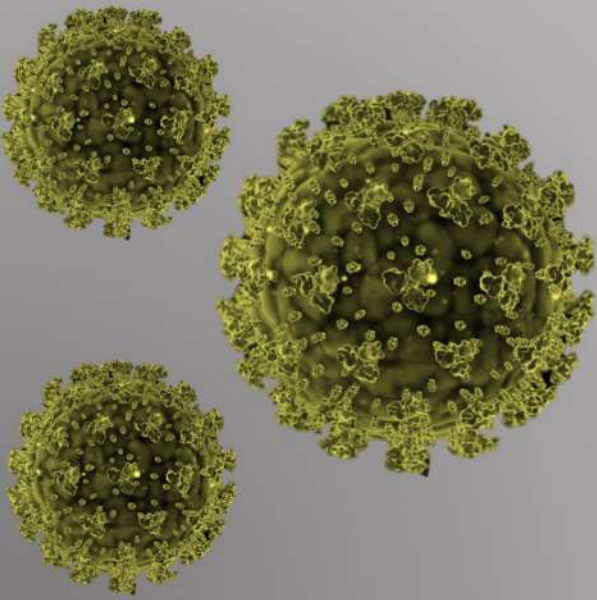


Rabbit hemorrhagic disease Virus (RHDV) VLP

Recombinant Rabbit hemorrhagic disease Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells. VLPs consist of RHDV VP60 structural protein, transiently expressed to form a nanoparticle. VLPs do not contain non-structural proteins or genome and are non-infectious.

Strains available:

SGM
PIN



60 nm

SARS-CoV-2 Virus VLP

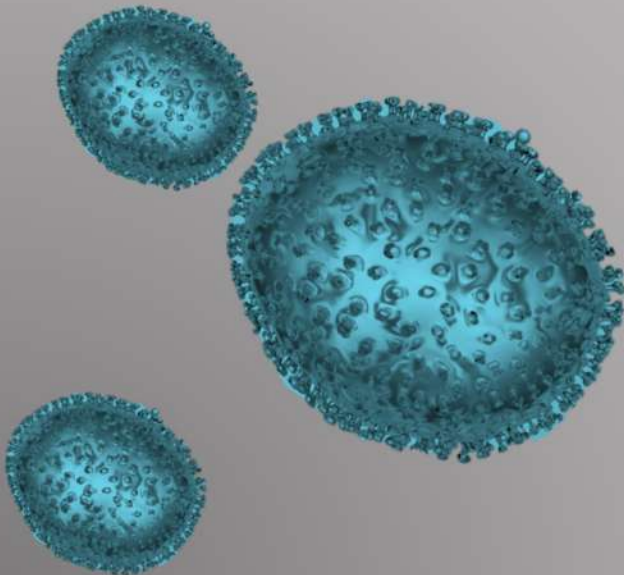
Recombinant SARS-CoV-2 Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells. VLPs consist of different combinations of N, M, E and S structural proteins of SARS-CoV-2, transiently expressed to form a nanoparticle. VLPs do not contain non-structural proteins or genome and are non-infectious.

Available combinations:

N -VLP

N+M+E- VLP

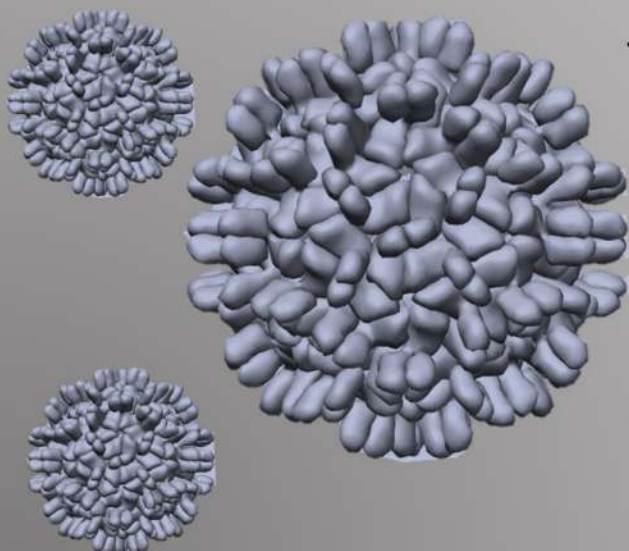
N+M+E+S -VLP



60 nm

Influenza A Virus VLP

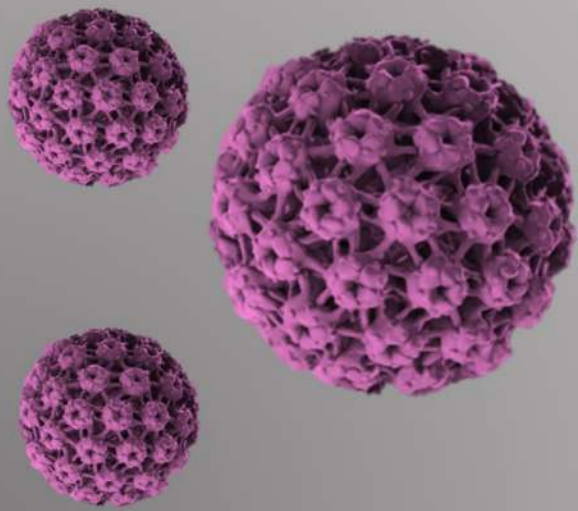
Recombinant Influenza A Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells. VLPs consist of M structural protein, transiently expressed to form a nanoparticle. VLPs do not contain non-structural proteins or genome and are non-infectious.



35 nm

Nodavirus VLP

Recombinant Nodavirus Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells. VLPs consist of Orsay CP structural protein, transiently expressed to form a nanoparticle. VLPs do not contain non-structural proteins or genome and are non-infectious.



60 nm

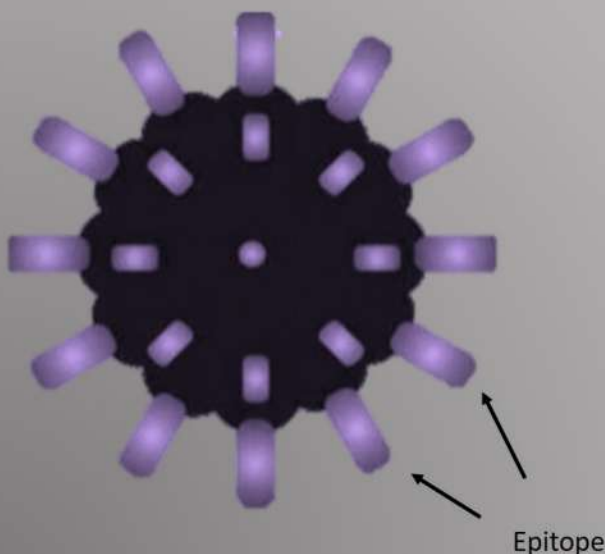
Human Papilloma Virus VLP

Recombinant Human Papilloma Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells. VLPs consist of L1 and/or L2 structural proteins, transiently expressed to form a nanoparticle. VLPs do not contain non-structural proteins or genome and are non-infectious.

Strains available:
HPV16
HPV18

Custom made VLPs

Made for Virology offers a custom made VLPs displaying foreign epitopes on their surface as a new generation antigens. We offer three different types of VLP based on human, animal and parasite pathogens.



Custom made epitope presenting VLP

Recombinant Virus-Like Particles produced in insect SF9 cells or mammalian HEK293 cells presenting the epitope of your choice.

Epitopes are displayed on the surface of the nanoparticle, resulting in immunodominant antigens for antibody production.

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