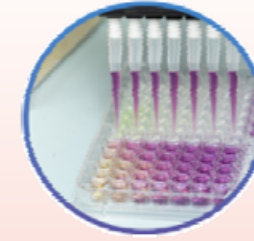


ReadyReceptor Lipoparticles:

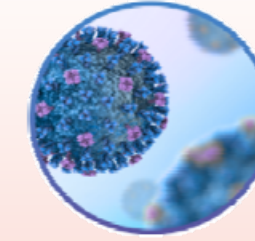
Prevalidated Lipoparticles contain optimized, highly expressed membrane proteins and are available for rapid delivery. **ReadyReceptor Lipoparticles** are produced and validated by using the same stringent quality metrics as are used for our Custom Lipoparticle production.

Cat No	Product Particulars	Pack Size
RR-0910	ReadyReceptor Lipoparticles - Alpha Adrenergic: Receptor human A2AR	1 unit
RR-0553	ReadyReceptor Lipoparticles - B-Cell Activation: Receptor human CD19	1 unit
RR-0655	ReadyReceptor Lipoparticles - B-Cell Activation: Receptor human CD27	1 unit
RR-1179	ReadyReceptor Lipoparticles - B-Cell Activation: Receptor human CD20	1 unit
RR-0574	ReadyReceptor Lipoparticles - Beta Adrenergic: Receptor human B2AR	1 unit
RR-0125	ReadyReceptor Lipoparticles - Chemokine: Receptor human CCR2b	1 unit
RR-0132	ReadyReceptor Lipoparticles - Chemokine: Receptor human CXCR3	1 unit
RR-0190	ReadyReceptor Lipoparticles - Chemokine: Receptor human CCR5	1 unit
RR-0193	ReadyReceptor Lipoparticles - Chemokine: Receptor human CCR10	1 unit
RR-0656	ReadyReceptor Lipoparticles - Chemokine: Receptor human CXCR7	1 unit
RR-0822	ReadyReceptor Lipoparticles - Chemokine: Receptor human CCR6	1 unit
RR-0830	ReadyReceptor Lipoparticles - Chemokine: Receptor human CXCR4	1 unit
RR-0835	ReadyReceptor Lipoparticles - Chemokine: Receptor murine CCR5	1 unit
RR-0943	ReadyReceptor Lipoparticles - Chemokine: Receptor human CXCR2	1 unit
RR-0968	ReadyReceptor Lipoparticles - Chemokine: Receptor human CCR1	1 unit
RR-2194	ReadyReceptor Lipoparticles - Chemokine: Receptor murine CXCR4	1 unit
RR-1090	ReadyReceptor Lipoparticles - Glucagon-like peptide-1 Receptor: Receptor human GLP-1R	1 unit
RR-0777	ReadyReceptor Lipoparticles - Glucose Transporter: Receptor human GLUT1	1 unit
RR-0341	ReadyReceptor Lipoparticles - Hepatitis C Attachment: Receptor human CD81	1 unit
RR-1067	ReadyReceptor Lipoparticles - Neuropeptide Receptor: Receptor human GAL1 Receptor	1 unit
RR-2657	ReadyReceptor Lipoparticles - Programmed cell death protein 1: Receptor human PD-1	1 unit
RR-2646	ReadyReceptor Lipoparticles - T-cell immunoreceptor with Ig and ITIM domains: Receptor human TIGIT	1 unit
RR-0891	ReadyReceptor Lipoparticles - Respiratory Syncytial Virus: Receptor RSV-F	1 unit
RR-0825	ReadyReceptor Lipoparticles - Tight Junction: Receptor human Claudin-1	1 unit
RR-2580	ReadyReceptor Lipoparticles - Tight Junction: Receptor human Claudin-2	1 unit
RR-0733	ReadyReceptor Lipoparticles - Tight Junction: Receptor human Claudin-3	1 unit
RR-0686	ReadyReceptor Lipoparticles - Tight Junction: Receptor human Claudin-4	1 unit
RR-0945	ReadyReceptor Lipoparticles - Viral Envelope: Receptor Chikungunya Virus	1 unit
RR-1136	ReadyReceptor Lipoparticles - Viral Envelope: Receptor Ross River Virus	1 unit
LEV-101	Lipoparticle Sample Kit - Chemokine ; Receptor human CXCR4	1 unit
LEV-101B	Lipoparticle Sample Kit - Chemokine ; Receptor human CXCR4	1 unit
LEV-102	Lipoparticle Sample Kit - Chemokine ; Receptor human CXCR5	1 unit
LEV-102B	Lipoparticle Sample Kit - Chemokine ; Receptor human CXCR5	1 unit
LEV-103	Lipoparticle Sample Kit - Chemokine ; Receptor human CD20	1 unit
LEV-103B	Lipoparticle Sample Kit - Chemokine ; Receptor human CD20	1 unit

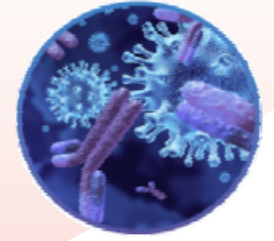
Lipoparticle Sample Kits are available to ship within a week to enable application optimization and small-scale testing. Includes 400 units of Receptor Lipoparticles and 400 units of Receptor negative (Null) Lipoparticles.



Reporter Virus Particles
Pseudotyped viral particles for safe, easy neutralization assays



TiterSafe
Ready-to-use influenza reagent for easier hemagglutination inhibition (HAI) assays



Neutralization Assay Services
For antibody developers who need neutralization data

The most extensive catalog of Reporter Virus Particles (RVPs). Reporter Virus Particles (RVPs) are replication-incompetent pseudovirus particles that enable safe (BSL-2), easy, and high-throughput viral infectivity and neutralization assays using standard detection instrumentation. We also offer target cell lines, neutralizing antibodies, and control viral particles to use in your RVP research.

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Virology Reagents

Lipoparticles / VLPs

Services

- Reporter Virus Particles
- TiterSafe
- Neutralization Assay Services

- ReadyReceptor Lipoparticles
- Custom Lipoparticles

- MPS Antibody Discovery
- Epitope Mapping
- Protein Engineering

Trusted by 100+ Laboratories for R&D and Clinical Trials

Cat No	Product Particulars	Pack Size
RVP-702 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - D614G B.1, 20A	1 ml
RVP-701 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - Wuhan-Hu-1	1 ml
RVP-768 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.1, BA.1 - Omicron	1 ml
RVP-771 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.1.1, BA.1.1 - Omicron	1 ml
RVP-770 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.2, BA.2 - Omicron	1 ml
RVP-775 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.2.12.1, BA.2.12.1 - Omicron	1 ml
RVP-776 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.2.75, BA.2.75 - Omicron	1 ml
RVP-794 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - BA.2.86 - Omicron	1 ml
RVP-774 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.4/5, BA.4/BA.5 - Omicron	1 ml
RVP-777 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - B.1.1.529.4.6, BA.4.6 - Omicron	1 ml
RVP-779 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - BF.7 - Omicron	1 ml
RVP-785 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - BQ.1 - Omicron	1 ml
RVP-782 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - BQ.1.1 - Omicron	1 ml
RVP-787 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - CH.1.1 - Omicron	1 ml
RVP-792 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - EG.5 - Omicron	1 ml
RVP-791 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - EG.5.1 - Omicron	1 ml
RVP-793 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - FL.1.5.1 - Omicron	1 ml
RVP-795 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - HV.1 - Omicron	1 ml
RVP-796 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - JN.1 - Omicron	1 ml
RVP-780 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - XBB.1 - Omicron	1 ml
RVP-786 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - XBB.1.5/XBB.1.9.1 - Omicron	1 ml
RVP-789 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - XBB.1.16 - Omicron	1 ml
RVP-790 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - XBB.2.3 - Omicron	1 ml
RVP-788 (G/L)	SARS-CoV-2 Reporter Virus Particle - Variant - XBF - Omicron	1 ml
RVP-706 (G/L)	SARS-CoV-2 Reporter Virus Particle - UK variant B.1.1.7, 20I/501Y.V1 - Alpha	1 ml
RVP-707 (G/L)	SARS-CoV-2 Reporter Virus Particle - South African variant B.1.351, 20C/501Y.V2 -	1 ml
RVP-708 (G/L)	SARS-CoV-2 Reporter Virus Particle - Brazilian variant P.1, 20J/501Y.V3 - Gamma	1 ml
RVP-713 (G/L)	SARS-CoV-2 Reporter Virus Particle - Californian variant B.1.427/B.1.429, 20C/452R - Epsilon	1 ml
RVP-723 (G/L)	SARS-CoV-2 Reporter Virus Particle - Nigerian/European variant B.1.525, 20A/484K - Eta	1 ml
RVP-724 (G/L)	SARS-CoV-2 Reporter Virus Particle - South African variant Δ3 B.1.351, 20H/501Y.V2 - Beta	1 ml
RVP-725 (G/L)	SARS-CoV-2 Reporter Virus Particle - US variant N679S -	1 ml
RVP-726 (G/L)	SARS-CoV-2 Reporter Virus Particle - New York variant B.1.526, 20C/484K - Iota	1 ml
RVP-727 (G/L)	SARS-CoV-2 Reporter Virus Particle - Indian variant B.1.617, RBD mutations only ("double mutant")	1 ml
RVP-736 (G/L)	SARS-CoV-2 Reporter Virus Particle - Brazilian variant P.2 - Zeta	1 ml
RVP-763 (G/L)	SARS-CoV-2 Reporter Virus Particle - Indian variant B.1.617.2 - Delta	1 ml
RVP-767 (G/L)	SARS-CoV-2 Reporter Virus Particle - Columbia, B.1.621 - Mu	1 ml
RVP-801 (G/L)	Coronavirus - SARS-CoV-1 - Urbani	1 ml
RVP-901 (G/L)	Coronavirus - MERS-CoV HCoV-EMC (GFP only) - HCoV-EMC	1 ml
RVP-920 (G/L)	Coronavirus - 229E - DQ243963.1	1 ml
RVP-940 (G/L)	Coronavirus - NL63 - BBL54109	1 ml
RVP-1002 (G/L)	Negative Control Report Virus Particle - VSV with MLV core - Indiana strain	1 ml
RVP-1201 (G/L)	Influenza Reporter Virus Particle - Influenza A (H5N1) - Indonesia/5/05	1 ml
RVP-1202 (G/L)	Influenza Reporter Virus Particle - Influenza A (H3N2) - Darwin/9/2021	1 ml
RVP-1204 (G/L)	Influenza Reporter Virus Particle - Influenza A (H7N9) - Suzhou/3/2013	1 ml
RVP-1205 (G/L)	Influenza Reporter Virus Particle - Influenza A (H5N1) - Vietnam/1203/2004	1 ml
RVP-1207 (G/L)	Influenza Reporter Virus Particle - Influenza A (H5N1) - Vietnam/1194/2004	1 ml
RVP-1208 (G/L)	Influenza Reporter Virus Particle - Influenza A (H5N1) - turkey/Turkey/1/2005	1 ml
RVP-1209 (G/L)	Influenza Reporter Virus Particle - Influenza A (H5N8) - Astrakhan/3212/2020	1 ml
RVP-1210 (G/L)	Influenza Reporter Virus Particle - Influenza A (H7N9) - Guangdong/17SF003/2016	1 ml
RVP-1211 (G/L)	Influenza Reporter Virus Particle - Influenza A (H1N1) - Wisconsin/588/2019	1 ml
RVP-1212 (G/L)	Influenza Reporter Virus Particle - Influenza A (H3N2) - Darwin/6/2021	1 ml
RVP-1213 (G/L)	Influenza Reporter Virus Particle - Influenza A (H1N1) - Wisconsin/67/2022	1 ml

Non-Replicative Virus Particles for Safe Neutralization Assays:

Integral Molecular Reporter Virus Particles (RVPs) are for scientists working to develop vaccines, antibodies, and other countermeasures against the world's deadliest and most challenging viruses.

RVPs are non-replicative virus-like particles with surface proteins from a diverse range of viruses. They are a safe, ready-to-use substitute for live virus, ideal for infectivity and neutralization assays.

Cat No	Product Particulars	Pack Size
RVP-1215 (G/L)	Influenza Reporter Virus Particle - Influenza A (H3N2) - Massachusetts/18/2022	1 ml
RVP-1216 (G/L)	Influenza Reporter Virus Particle - Influenza A (H3N2) - Thailand/8/2022	1 ml
VP-1301 (G/L)	Influenza Reporter Virus Particle - Influenza B (Victoria) - Washington/02/2019	1 ml
RVP-1302 (G/L)	Influenza Reporter Virus Particle - Influenza B (Victoria) - Austria/1359417/2021	1 ml
RVP-1303 (G/L)	Influenza Reporter Virus Particle - Influenza B (Yamagata) - Phuket/3073/2013	1 ml
RVP-1401 (G/L)	Filovirus Reporter Virus Particle - Ebola - Mayinga/76	1 ml
RVP-1501 (G/L)	Filovirus Reporter Virus Particle - Marburg - Uganda 2007	1 ml
RVP-1801 (G/L)	Henipavirus Reporter Virus Particle - Nipah - Malaysia 2008	1 ml
RVP-1901 (G/L)	Arenavirus Reporter Virus Particle - Lassa - Josiah	1 ml
RVP-1101 (G/L)	Arbovirus Reporter Virus Particle - Chikungunya Virus - S27	1 ml
RVP-101 (G/L)	Arbovirus Reporter Virus Particle - Dengue Virus 1 - 16007	1 ml
RVP-201 (G/L)	Arbovirus Reporter Virus Particle - Dengue Virus 2 - 16681	1 ml
RVP-301 (G/L)	Arbovirus Reporter Virus Particle - Dengue Virus 3 - 16562	1 ml
RVP-401 (G/L)	Arbovirus Reporter Virus Particle - Dengue Virus 4 - TVP360	1 ml
RVP-601 (G/L)	Arbovirus Reporter Virus Particle - Zika Virus - SPH2015	1 ml
RVP-1601 (G/L)	Arbovirus Reporter Virus Particle - Yellow Fever Virus - Asibi	1 ml
RVP-1603 (G/L)	Arbovirus Reporter Virus Particle - Yellow Fever Virus - 17D	1 ml
RVP-1650 (G/L)	Arbovirus Reporter Virus Particle - West Nile Virus - NY99	1 ml
HAP-1302	TiterSafe HAI Reagent - Influenza B (Victoria) - Austria/1359417/2021	1 ml
HAP-1303	TiterSafe HAI Reagent - Influenza B (Yamagata) - Phuket/3073/2013	1 ml
HAP-1205	TiterSafe HAI Reagent - Influenza A (H5N1) - Vietnam/1203/2004	1 ml
HAP-1212	TiterSafe HAI Reagent - Influenza A (H3N2) - Darwin/6/2021	1 ml
HAP-1213	TiterSafe HAI Reagent - Influenza A (H1N1) - Wisconsin/67/2022	1 ml
HAP-1214	TiterSafe HAI Reagent - Influenza A (H5N1) - American Wigeon/SC/22-000345-001/2021	1 ml
HAP-1215	TiterSafe HAI Reagent - Influenza A (H3N2) - Massachusetts/18/2022	1 ml
HAP-1216	TiterSafe HAI Reagent - Influenza A (H3N2) - Thailand/8/2022	1 ml
IM-CoV2-F06-1	Neutralizing Antibody - broadly - SARS-CoV-2 (including first-generation Omicron variants)	100 ug
IM-CoV2-F06-2	Neutralizing Antibody - broadly - SARS-CoV-2 (including first-generation Omicron variants)	500 ug
IM-CoV2-F06-3	Neutralizing Antibody - broadly - SARS-CoV-2 (including first-generation Omicron variants)	1000 ug
IM-CoV2-G06-1	Neutralizing Antibody - broadly - SARS-CoV-2 (including Delta)	100 ug
IM-CoV2-G06-2	Neutralizing Antibody - broadly - SARS-CoV-2 (including Delta)	500 ug
IM-CoV2-G06-3	Neutralizing Antibody - broadly - SARS-CoV-2 (including Delta)	1000 ug
IM-CKV063-1	Neutralizing Antibody - Chikungunya	100 ug
IM-CKV063-2	Neutralizing Antibody - Chikungunya	500 ug
IM-CKV063-3	Neutralizing Antibody - Chikungunya	1000 ug
IM-ZKV081-1	Neutralizing Antibody - Zika	100 ug
IM-ZKV081-2	Neutralizing Antibody - Zika	500 ug
IM-ZKV081-3	Neutralizing Antibody - Zika	1000 ug
C-HA102	Stable Cell Line - SARS-CoV-2 RVPs - hsACE2	2 vials
C-BD101	Stable Cell Line - ZIKV, DENV RVPs - hsDC-SIGN	2 vials