



GENEMEDI
Innovative Solution
for Therapeutics & Diagnostics Industry



Molecular Diagnostics Product Catalogue 2025

**Pseudotyped virus:
Standard substance and QC material for
infectious molecular diagnostics**

Pseudotype | Human Host

Pseudotype | Animal Host

Pseudotyped virus

About GeneMedi

GeneMedi specializes in creating superior antibody, protein, and vector-based bioproducts, revolutionizing diagnostics and therapeutic solutions.



At GeneMedi, innovation, product integrity, and scalable solutions form the cornerstone of our mission to advance the field of diagnostics and therapeutics. Our portfolio of antibodies, proteins, and vector-derived products is built on a foundation of unparalleled expertise in the following areas:

Innovative Antigen Design and Robust Assay Development

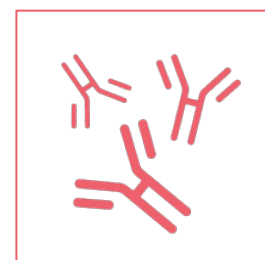
Our strategic focus on **biomarkers** and **targets analysis** enables the creation of highly specific antigens and the development of robust assays, ensuring our products achieve superior performance in clinical and research settings.



Streamlined Molecular Discovery with Emphasis on Stability

Rapid Protein & Antibody Identification: Our proprietary platforms, TAURUS for accelerated antibody discovery and LIBRA for AI-driven protein evolution, are designed to identify and optimize molecules with optimal stability and functionality.

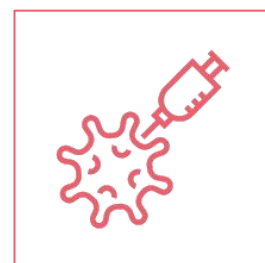
Cutting-Edge AAV & GCT Discoveries: The G-NEXT platform is our answer to the industry's need for innovative AAV vectors, offering improved stability, efficiency, and safety for groundbreaking gene therapy approaches.



Scalable Production and Uncompromising Quality

High-Volume Protein & Antibody Manufacturing: Our facilities are equipped to handle large-scale production up to 1000L per batch, ensuring high levels of purity and stability through stringent quality controls.

Advanced Vector Manufacturing Capabilities: With a focus on **AAV**, **Lentivirus**, and **VLP** production up to 200L per batch, we employ sophisticated purification techniques to guarantee vector efficacy and integrity.



Comprehensive Solutions for Diverse Application Needs

Diagnostics: Our diagnostic solutions leverage **CLIA**, **LFA**, and **ELISA** platforms for comprehensive assay validation and clinical sample consistency, setting new standards in diagnostic accuracy.

Therapeutics: We specialize in analytical development for **ADCs**, **AAV therapies**, and **CAR-X technologies**, ensuring our therapeutic products are characterized by their specificity, potency, and safety.



GeneMedi (GM) is dedicated to delivering innovative and scalable biotechnological solutions, driving forward the fields of diagnostics and therapeutics with confidence and expertise. Contact with GM to reach your reliable industrial partner.

Pseudotype | Human Host

Pseudotype Name	Gene Name	Host	Classification
White spot syndrome virus	VP664	Human	DNA
Human mastadenovirus 7	HADV7	Human	DNA
Human adenovirus B3	HADVB3	Human	DNA
Human respiratory syncytial virus B	RSVB	Human	DNA
Respiratory syncytial virus A	RSVA	Human	DNA
Human adenovirus D8	D8	Human	DNA
Suid alphaherpesvirus 1	JS-2012	Human	DNA
Human alphaherpesvirus 1	HSV	Human	DNA
Human bocavirus	NB1621741/HK10	Human	DNA
Human parvovirus B19	NS1	Human	DNA
Human parvovirus B19	NS1	Human	DNA
Human mastadenovirus F	HADV	Human	DNA
Human gammaherpesvirus 4	rMSHJ	Human	DNA
Human papillomavirus type 72b	HPV72	Human	DNA
Human papillomavirus type 70	HPV70	Human	DNA
Human papillomavirus type 61	HPV61	Human	DNA
Human papillomavirus type 54	HPV54	Human	DNA
human papillomavirus 83	HPV83	Human	DNA
human papillomavirus 82	HPV82	Human	DNA
human papillomavirus 81	HPV81	Human	DNA
human papillomavirus 73	HPV73	Human	DNA
human papillomavirus 68	HPV68	Human	DNA

Pseudotype Name	Gene Name	Host	Classification
human papillomavirus 66	HPV66	Human	DNA
human papillomavirus 59	HPV59	Human	DNA
human papillomavirus 58	HPV58	Human	DNA
human papillomavirus 56	HPV56	Human	DNA
Human papillomavirus type 53	HPV53	Human	DNA
human papillomavirus 52	HPV52	Human	DNA
human papillomavirus 51	HPV51	Human	DNA
human papillomavirus 45	HPV45	Human	DNA
human papillomavirus 44	HPV44	Human	DNA
human papillomavirus 43	HPV43	Human	DNA
human papillomavirus 42	HPV42	Human	DNA
human papillomavirus 40	HPV40	Human	DNA
human papillomavirus 39	HPV39	Human	DNA
human papillomavirus 35	HPV35	Human	DNA
human papillomavirus 33	HPV33	Human	DNA
human papillomavirus 31	HPV31	Human	DNA
Human papillomavirus type 26	HPV26	Human	DNA
human papillomavirus 18	HPV18	Human	DNA
Human papillomavirus type 16	HPV16	Human	DNA
Human papillomavirus 11	HPV11	Human	DNA
Human papillomavirus type 6	HPV6	Human	DNA
Human orthopneumovirus	hRSV/F	Human	DNA

Pseudotype Name	Gene Name	Host	Classification
Human betaherpesvirus 5	CMV	Human	DNA
Human parvovirus B19	B19	Human	DNA
Human adenovirus B1	ADV3	Human	DNA
Hepatitis B virus	HBV	Human	DNA
Hepatitis B virus	HBV	Human	DNA
Hepatitis B virus	HBV	Human	DNA
Hepatitis B virus	HBV	Human	DNA
Hepatitis B virus	HBV	Human	DNA
Chlamydia pneumoniae	LPCoLN	Human	DNA
Mycoplasmoides pneumoniae	K708 p1	Human	DNA
Hepatitis B virus	HBV	Human	DNA
Human alphaherpesvirus 2	US4	Human	DNA
Human herpesvirus 5 strain	IE	Human	DNA
Human gammaherpesvirus	HIW	Human	DNA
JC polyomavirus	JC	Human	DNA
Hepatitis B virus	HBV-S	Human	DNA
Hepatitis B virus	HBV-Q	Human	DNA
Rhinovirus A	Rhino	Human	RNA
Norovirus GII	VP1	Human	RNA
EGFR	EGFR	Human	RNA
HPIV type 1 and 2, MuV 2	HN	Human	RNA
HPIV type 3 and 4a	HN P	Human	RNA

Pseudotype Name	Gene Name	Host	Classification
rbcS2	XM_021984458.1	Human	RNA
Hepatitis B virus	MN310715.1	Human	RNA
HMPV and HRV-A68	A68	Human	RNA
Human coronavirus NL63 and OC43	NL63 OC43	Human	RNA
Human coronavirus 229E and HKU1	229E HKU1	Human	RNA
HRSV-A and EV D68	D68	Human	RNA
IBV and IAV	M1	Human	RNA
IAV and RPP30	HA	Human	RNA
Influenza A virus	HA MT449142.1	Human	RNA
Influenza A virus	HA MN037516.1	Human	RNA
Influenza A virus, IAV	HA KP638516.1	Human	RNA
Mycoplasma pneumoniae, MP	MP	Human	RNA
SARS-CoV-2 and RPP30	Orf1ab, 3a, 6, 7a, 7a, 8, s, E, N)	Human	RNA
RPP30	RnaseP	Human	RNA
Influenza A virus	M1 M2 MN085347.1	Human	RNA
SARS-CoV-2	CDC	Human	RNA
Influenza B virus	HA	Human	RNA
Influenza A virus	HA	Human	RNA
Influenza A virus	HA	Human	RNA
SARS-CoV-2 and RSV-A	ORF1ab, 3a, 6, 7a, 7a, 8, s, E, N)	Human	RNA
Human respiratory syncytial virus A	HRSV	Human	RNA
HCoV-NL63 and RSV-A	NL63	Human	RNA

Pseudotype Name	Gene Name	Host	Classification
Influenza A virus	H5N1+H9N2+H7N9	Human	RNA
Human parainfluenza 1 virus	HPIV1	Human	RNA
Human parainfluenza virus 2	HPIV2	Human	RNA
Human parainfluenza virus 3	HPIV3	Human	RNA
Human rubulavirus 4	hRV4	Human	RNA
Human coronavirus HKU1	HKU1	Human	RNA
Human coronavirus OC43	OC43	Human	RNA
Human coronavirus 229E	229E	Human	RNA
Rhinovirus C and HMPV	RVc-HMV	Human	RNA
Human metapneumovirus	hMPVA	Human	RNA
Mamastrovirus 1	MAstV1	Human	RNA
Human rotavirus A	HRVA	Human	RNA
Human rotavirus B	HRVB	Human	RNA
Norovirus GI	polyprotein / vp1	Human	RNA
Norovirus GII	ORF1	Human	RNA
Sapovirus GI	SVGI	Human	RNA
Sapovirus GII	SVGII	Human	RNA
Sapovirus GIV	SVGIV	Human	RNA
Sapovirus GV	SVGIV	Human	RNA
Saccharopolyspora erythraea NRRL 2338	SENRR2338	Human	RNA
Streptococcus pneumoniae AP200	SpAP200	Human	RNA
Influenza A virus	IAV	Human	RNA

Pseudotype Name	Gene Name	Host	Classification
RPP30	RPP330	Human	RNA
Human rotavirus A	ROV	Human	RNA
Echovirus E3	EV3	Human	RNA
Japanese encephalitis virus	JEV	Human	RNA
Homo sapiens dual specificity phosphatase	DUSP3	Human	RNA
Homo sapiens TATA-box binding protein	TBP	Human	RNA
Human respiratory syncytial virus B	NS2+N	Human	RNA
RSV-A	N	Human	RNA
RSV-A	RSVB	Human	RNA
Human respiratory syncytial virus A	RSVB	Human	RNA
Lassa viru+Lassa mammarenavirus	GPC+NP	Human	RNA
Yellow fever virus	YFV polyprotein	Human	RNA
Rift Valley fever virus	RVFV	Human	RNA
Marburg marburgvirus	MARV	Human	RNA
Ebola virus	EboV	Human	RNA
Human coronavirus HKU1	HKU1	Human	RNA
GAPDH	GAPDH	Human	RNA
Coxsackievirus A16	A16	Human	RNA
Human coronavirus NL63	NL63	Human	RNA
Human enterovirus	E71	Human	RNA
Human enterovirus	EV71	Human	RNA
Human coxsackievirus	A16	Human	RNA

Pseudotype Name	Gene Name	Host	Classification
Human coxsackievirus A10	A16	Human	RNA
Coxsackievirus A6	A6	Human	RNA
Influenza A virus	H5N1	Human	RNA
Human coronavirus OC43	OC43	Human	RNA
Human coronavirus 229E	229E	Human	RNA
HIV-I	HIV	Human	RNA
HIV-I	HIV	Human	RNA
HIV-I	HIV	Human	RNA
HIV-I	HIV	Human	RNA
HIV-I	HIV	Human	RNA
HIV-I	HIV	Human	RNA
Homo sapiens guanylate binding protein	GBP5	Human	RNA
Human metapneumovirus	HMPV-N	Human	RNA
Rhinovirus A39	A39	Human	RNA
Hantaan virus	JS2	Human	RNA
Mayaro virus	Tem2	Human	RNA
Sindbis virus	Tem1	Human	RNA
Influenza A virus	H5N1	Human	RNA
Influenza A virus	H7N9	Human	RNA
Norovirus	VP1	Human	RNA
Influenza B virus		Human	RNA
Coxsackievirus A16	A16	Human	RNA

Pseudotype Name	Gene Name	Host	Classification
Influenza B virus	H3N2	Human	RNA
Human metapneumovirus isolate	MPV-B	Human	RNA
Human metapneumovirus isolate	MPV-A	Human	RNA
Human respiratory syncytial virus	MaxL	Human	RNA
Influenza B virus	NS	Human	RNA
Influenza A virus	H1N1	Human	RNA
Human rhinovirus	ATCC VR-1559	Human	RNA
Human rhinovirus	HRV-C02	Human	RNA
Human respiratory syncytial virus	RSVB	Human	RNA
Human orthopneumovirus	HRSV/B	Human	RNA
Rhinovirus B14	B14	Human	RNA
Sapozj-9 Sabo virus	ASPV	Human	RNA
Human astrovirus	ASTV	Human	RNA
Influenza A virus (H1N1)	H1N2	Human	RNA
Influenza A virus	H4N6	Human	RNA
Influenza B virus	NEP/NS1	Human	RNA
respiratory syncytial virus	F	Human	RNA
MuVi Mumps virus genotype F strain MuVi	SH	Human	RNA
Human enterovirus	A71/DZA	Human	RNA
RPP30	RPP30	Human	RNA
Influenza A virus (H1N1)	H1N1	Human	RNA
Influenza B virus (B/Lee/1940)	IFV-B	Human	RNA

Pseudotype Name	Gene Name	Host	Classification
Influenza B virus	NEP/NS1	Human	RNA
Influenza B virus	NEP/NS1	Human	RNA
Human rotavirus A strain RVA	RVA	Human	RNA

Pseudotype | Animal Host

Pseudotype Name	Gene Name	Host	Classification
Canine adenovirus 1	HARA E3	Canine	DNA
Felis catus (domestic cat)	GAPDH	Feline	DNA
African swine fever virus	ASFV	Swine	DNA
PRRSV and respiratory syndrome virus	NSP2	Swine	DNA
Canine parainfluenza virus	N	Canine	RNA
Canine morbillivirus	NP	Canine	RNA
Feline calicivirus	F65	Feline	RNA
Feline leukemia virus isolate	TP2R	Feline	RNA
Feline immunodeficiency virus	CHN17	Feline	RNA
Hog cholera virus	CAP	Swine	RNA
Bovine viral diarrhea virus	BVDV	Bovine	RNA
Feline calicivirus isolate	HRB-SS	Feline	RNA