



GENEMEDI
Innovation In Gene Therapy & Biologics

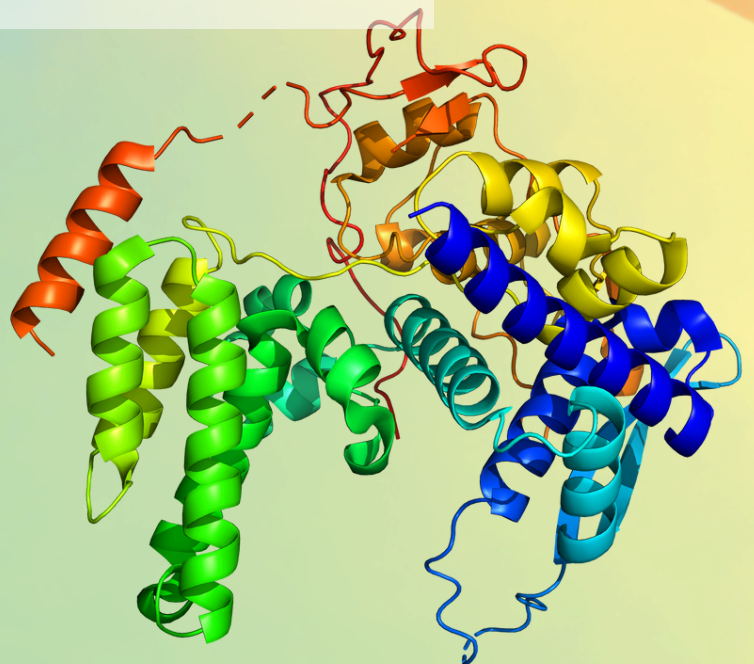
www.genemedi.net

In Vitro Diagnostics (IVD) Raw Materials Catalog

Alzheimer's Disease(AD) Diagnostics:
Tau, Beta-Amyloid

Inflammation Disease Diagnostics:
IL-6, PCT, CRP, SAA

Fertility Diagnostics: fFN
Tau, Beta-Amyloid



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.

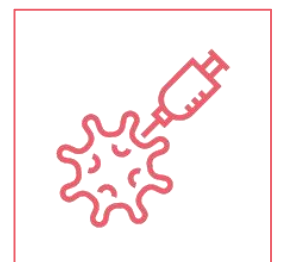
Cutting-Edge AAV & GCT Discoveries: The G-NEXT platform is our answer to the industry's need for innovative AAV vectors, offering improved stability, efficiency, and safety for groundbreaking gene therapy approaches.



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.

Table Of Contents

Part 1 Product list-Antigens & Antibodies



Cancer

6

TG; CA-125; SCC Ag; PIVKA-II; ProGRP; Calcitonin; NSE; CA-724; HE4; CA15-3; FER; CYFRA21-1; HER2; HSP90 α ; S100B; CEA; AFP; sFlt-1; PSA; hEGF; TFF2; TFF3; CA199; CA50; TK1;



Infectious diseases

8

Flu A; Flu B; HIV-1; HIV-2; HIV1/2; HIV-O; HCV; Treponema Pallidum; T.gondii; rubella virus; Cytomegalovirus; HSV; HSV-1; HSV-2; B. anthracis; Ebola virus; Vaccinia virus (cowpox virus); West Nile virus; Adenovirus; Plasmodium; Astrovirus; Norovirus; C. jejuni; L. monocytogenes; Rotavirus; Salmonella typhi; C. albicans; HPV; HBV; HBV-PreS1; Food source pathogenic bacteria resistant; Rift Valley Fever EBV V. cholerae; M.tuberculosis; Cryptosporidium parvum (Cp23); RSV; Rhinoviruses; dengue nonstructural 1 (DEN-NS1); Enterovirus; streptolysin O; Mycoplasma pneumoniae; Helicobacter pylori; Prion; STDs; ARTI SARS-CoV2; Ribavirin(RBV); Amantadine(AM)



Inflammation/ autoimmune/ inflammatory diseases

14

IL-6; PCT; CRP; SAA; IFN γ ; AQP4; HBP; MOG; S100-A9; TPO; SAA1; TNF α ; MPA; CCP; alpha defensin 1; alpha defensin 5; Tolfenamicacid; Carprofen; Flunixin meglumine; Metamizole; DZP; Indomethacin; meloxicam; LF; FITC; Histamine; COC; COT



Cardiovascular diseases

17

MPO; MMP3; GDF-15; CK-MB; Myo; sST2; CKMB; NT-proBNP; cTnT; cTnl; H-FABP; D-Dimer; Dig; ApoA; ApoE; BNP; proBNP; TIMP-1; CNP; ANP; AI; VEGF; PLGF-1; SAH; HCY; RAA/Aldo; Digoxin; HFABP; DCT; ADP; SDN



Liver diseases

19

HABP; LN; cIV; PIIINP; LCA; cholanoic acid; HA; CG; PA; AP; BAR



Lung injury

21

ACE2/hFc; ACE2/his



Kidney function (renal damages)

21

B2M; CYSC; NGAL; A1M; cr



Gastric disease

21

PG I; PG II; G17; TFF1; G100



Thyroid diseases

22

rT3; TSH



Bowel disease

23

S100-A8



Fertility

23

AMH fFN ACRV1



Diabetes diseases

24

C-PEPTIDE; COPEPTIN; INS; PROINSULIN; ADPN



Metabolic diseases

24

25-OH-(VD3+VD2); PINP; N-MID OC; B-CTX; 25-OH-VD; 25-OH-VD-3; SAHH; CBL; CBS; LP-PLA2; RBP4; HGH; BIOTIN; ETG



Hormone disorders

26

DHEA; DEX; Calcitonin; Cortisol; Testosterone; PG; EPO; Progesterone; LH; Prolactin; E1; E2/E3; hGH; HCG; DES/HES; Bisphenol A; Thyroxin T4; Forchlorfenuron; Norethisterone; Flugestone Acetate; Thyroxin T3; IGFBP-1; ACTH; PTH; TBG; FSH



Vitamin deficiency

28

FA; VDBP; Vb2; Vb12



Fibrinogen disorders

29

Fibrinogen (FIB)



Epilepsy

29

VPA; CZP



Neurodegenerative diseases

29

p-tau181; p-tau217; p-tau231; p-tau202 and 205; p-tau212 and 214; p-tau413; p-tau422; Tau; NFL; GFAP; A β 42; A β 40; albumin; A β 38; HFABP; MCP-1; neurogranin; NSE; sTREM2; VLP-1; YKL-40; α -synuclein; AD7c-NTP; Amantadine (AM); TCA



Multiple disease

32

TrxR; AMP; Bup; BZO; K2; MDMA



Pain

32

Paracetamol; Methadone; metabolites; Methadone; Fentanyl; Ketamine; Methamphetamine; Morphine; Methaqualone; Opiorphin; Oxycodone; Propoxyphene; Phencyclidine; Tricyclic antidepressants; Tramadol
Tetrahydrocannabinol;



Biology

34

SA; SPA

Part 2 Product list-Pseudotype

Pseudotype | Human Host

35

Part 3 Validation

Bone metabolism & osteoporosis Diagnostics

44

Alzheimer's Disease (AD)

45

Cancer

Cat.No	Products Name	Products Type
GMP-h-AFP-Ab	Anti-human Alpha-fetoprotein (AFP) antibody	antibody(Fc/mFc)
GMP-h-AFP-Ag	Human Alpha-fetoprotein (AFP) antigen	protein
GMP-h-CA-125-Ab	Anti-human cancer antigen 125 (CA-125) antibody	antibody(Fc/mFc)
GMP-h-CA-125-Ag	Human cancer antigen 125 (CA-125) antigen	protein
GMP-h-CA15-3-Ab	Anti-human Cancer antigen 15-3 (CA15-3) antibody	antibody(Fc/mFc)
GMP-h-CA15-3-Ag	Human Cancer antigen 15-3 (CA15-3) antigen	protein
GMP-h-CA199-Ab	Anti-human Carbohydrate antigen 19-9 (CA199) antibody	antibody(Fc/mFc)
GMP-h-CA199-Ag	Human Carbohydrate antigen 19-9 (CA199) antigen	peptide-(naked/BSA/OVA)
GMP-h-CA50-Ab	Anti-human Carbohydrate Antigen 50 (CA50) antibody	antibody(Fc/mFc)
GMP-h-CA50-Ag	Human Carbohydrate Antigen 50 (CA50) antigen	protein
GMP-h-CA-724-Ab	Anti-human Cancer Antigen 72-4 (CA-724) antibody	antibody(Fc/mFc)
GMP-h-CA-724-Ag	Human Cancer Antigen 72-4 (CA-724) antigen	protein
GMP-h-Calcitonin-Ab	Anti-human Calcitonin (Calcitonin) antibody	antibody(Fc/mFc)
GMP-h-Calcitonin-Ag	Human Calcitonin (Calcitonin) antigen	peptide-(naked/BSA/OVA)
GMP-h-CEA-Ab	Anti-human Carcinoembryonic antigen (CEA) antibody	antibody(Fc/mFc)
GMP-h-CEA-Ag	Human carcinoembryonic antigen (CEA) antigen	protein
GMP-h-CYFRA21-1-Ab	Anti-human soluble fragment of cytokeratin-19 (CYFRA21-1) antibody	antibody(Fc/mFc)
GMP-h-CYFRA21-1-Ag	Human soluble fragment of cytokeratin-19 (CYFRA21-1) antigen	peptide-(naked/BSA/OVA)
GMP-h-FER-Ab	Anti-human Ferritin (FER) antibody	antibody(Fc/mFc)
GMP-h-FER-Ag	Human Ferritin (FER) antigen	protein
GMP-h-HE4-Ab	Anti-human Human epididymis protein 4 (HE4) antibody	antibody(Fc/mFc)
GMP-h-HE4-Ag	Human epididymis protein 4 (HE4) antigen	peptide-(naked/BSA/OVA)

Cat.No	Products Name	Products Type
GMP-h-hEGF-Ab	Anti-human epidermal growth factor (hEGF) antibody	antibody(Fc/mFc)
GMP-h-hEGF-Ag	Human epidermal growth factor (hEGF) antigen	protein
GMP-h-HER2-Ab	Anti-human epidermal growth factor receptor 2 (HER2) antibody	antibody(Fc/mFc)
GMP-h-HER2-Ag	Human epidermal growth factor receptor 2 (HER2) antigen	protein
GMP-h-HSP90-Ab	Anti-human Heat shock proteins 90-alpha (HSP90α) antibody	antibody(Fc/mFc)
GMP-h-HSP90-Ag	Human Heat shock proteins 90-alpha (HSP90α) antigen	protein
GMP-h-NSE-Ab	Anti-human Neuron specific enolase (NSE) antibody	antibody(Fc/mFc)
GMP-h-NSE-Ag	Human Neuron specific enolase (NSE) antigen	protein
GMP-h-PIVKA- II-Ab	Anti-human Protein induced by vitamin K absence-II (PIVKA- II) antibody	antibody(Fc/mFc)
GMP-h-PIVKA- II-Ag	Human Protein induced by vitamin K absence-II (PIVKA- II) antigen	protein
GMP-h-ProGRP-Ab	Anti-human Gastrin-releasing peptide (ProGRP) antibody	antibody(Fc/mFc)
GMP-h-ProGRP-Ag	Human Gastrin-releasing peptide (ProGRP) antigen	peptide-(naked/BSA/OVA)
GMP-h-PSA-Ab	Anti-human Prostate-specific antigen (PSA) antibody	antibody(Fc/mFc)
GMP-h-PSA-Ag	Human Prostate-specific antigen (PSA) antigen	peptide-(naked/BSA/OVA)
GMP-h-S100B-Ab	Anti-human S100 proteins (S100B) antibody	antibody(Fc/mFc)
GMP-h-S100B-Ag	Human S100 proteins (S100B) antigen	protein
GMP-h-SCC-Ag-Ab	Anti-human squamous cell carcinoma antigen (SCC Ag) antibody	antibody(Fc/mFc)
GMP-h-SCC-Ag-Ag	Human squamous cell carcinoma antigen (SCC Ag) antigen	protein
GMP-h-sFlt-1-Ab	Anti-human soluble vascular endothelial growth factor receptor-2 (sFlt-1) antibody	antibody(Fc/mFc)
GMP-h-sFlt-1-Ag	Human soluble vascular endothelial growth factor receptor-1 (sFlt-1) antigen	protein
GMP-h-TG-Ab	Anti-human Thyroglobulin (TG) antibody	antibody(Fc/mFc)
GMP-h-TG-Ag	Human Thyroglobulin (TG) antigen	peptide-(naked/BSA/OVA)

Cat.No	Products Name	Products Type
GMP-h-TK1-Ab	Anti-human Thymidine Kinase 1 (TK1) antibody	antibody(Fc/mFc)
GMP-h-TK1-Ag	Human Thymidine Kinase 1 (TK1) antigen	protein
GMP-SMT-TFF2-Ab	Anti-trefoil factor 2 (TFF2) antibody	antibody(Fc/mFc)
GMP-SMT-TFF2-Ag	trefoil factor 2 (TFF2) antigen	chemicals-BSA/OVA
GMP-SMT-TFF3-Ab	Anti-trefoil factor 3 (TFF3) antibody	antibody(Fc/mFc)
GMP-SMT-TFF3-Ag	trefoil factor 3 (TFF3) antigen	chemicals-BSA/OVA

Infectious diseases

Cat.No	Products Name	Products Type
GMP-IVD-P001-Tg001-Ab	Anti-flu A Nucleoprotein antibody	antibody(Fc/mFc)
GMP-IVD-P001-Tg001-Ag	flu A Nucleoprotein antigen	protein
GMP-IVD-P002-Tg001-Ab	Anti-Flu B Nucleoprotein antibody	antibody(Fc/mFc)
GMP-IVD-P002-Tg001-Ag	Flu B Nucleoprotein antigen	protein
GMP-IVD-P003-Tg001-Ab	Anti-HIV-1 Glycoprotein 41 antibody	antibody(Fc/mFc)
GMP-IVD-P003-Tg001-Ag	HIV-1 Glycoprotein 41 antigen	protein
GMP-IVD-P004-Tg001-Ab	Anti-HIV-2 Glycoprotein 36 antibody	antibody(Fc/mFc)
GMP-IVD-P004-Tg001-Ag	HIV-2 Glycoprotein 36 antigen	protein
GMP-IVD-P005-Tg001-Ab	Anti-HIV1/2 Capsid Protein p24 antibody	antibody(Fc/mFc)
GMP-IVD-P005-Tg001-Ag	HIV1/2 Capsid Protein p24 antigen	protein
GMP-IVD-P006-Tg001-Ab	Anti-HIV O-antigen antibody	antibody(Fc/mFc)
GMP-IVD-P006-Tg001-Ag	HIV O-antigen antigen	protein
GMP-IVD-P007-Tg001-Ab	Anti-HCV Hepatitis C Virus Non-Structural Proteins antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-IVD-P007-Tg001-Ag	HCV Hepatitis C Virus Non-Structural Proteins antigen	protein
GMP-IVD-P007-Tg002-Ab	Anti-HCV Core Protein antibody	antibody(Fc/mFc)
GMP-IVD-P007-Tg002-Ag	HCV Core Protein antigen	protein
GMP-IVD-P008-Tg001-Ab	Anti-Treponema Pallidum Treponema Pallidum Proteins Fusion antibody	antibody(Fc/mFc)
GMP-IVD-P008-Tg001-Ag	Treponema Pallidum Treponema Pallidum Proteins Fusion antigen	protein
GMP-IVD-P009-Tg001-Ab	Anti-T. gondii Surface Antigen 1 (SAG1) antibody	antibody(Fc/mFc)
GMP-IVD-P009-Tg001-Ag	T. gondii Surface Antigen 1 (SAG1) antigen	protein
GMP-IVD-P010-Tg001-Ab	Anti-rubella virus Capsid Protein antibody	antibody(Fc/mFc)
GMP-IVD-P010-Tg001-Ag	rubella virus Capsid Protein antigen	protein
GMP-IVD-P010-Tg002-Ab	Anti-rubella virus Nucleoprotein antibody	antibody(Fc/mFc)
GMP-IVD-P010-Tg002-Ag	rubella virus Nucleoprotein antigen	protein
GMP-IVD-P011-Tg001-Ab	Anti-CMV Lower Matrix Phosphoprotein antibody	antibody(Fc/mFc)
GMP-IVD-P011-Tg001-Ag	CMV Lower Matrix Phosphoprotein antigen	protein
GMP-IVD-P012-Tg001-Ab	Anti-HSV Glycoprotein G antibody	antibody(Fc/mFc)
GMP-IVD-P012-Tg001-Ag	HSV Glycoprotein G antigen	protein
GMP-IVD-P013-Tg001-Ab	Anti-HSV-1 Glycoprotein G1 antibody	antibody(Fc/mFc)
GMP-IVD-P013-Tg001-Ag	HSV-1 Glycoprotein G1 antigen	protein
GMP-IVD-P014-Tg001-Ab	Anti-HSV-2 Glycoprotein G2 antibody	antibody(Fc/mFc)
GMP-IVD-P014-Tg001-Ag	HSV-2 Glycoprotein G2 antigen	protein
GMP-IVD-P015-Tg001-Ab	Anti-B. anthracis Protective Antigen antibody	antibody(Fc/mFc)
GMP-IVD-P015-Tg001-Ag	B. anthracis Protective Antigen antigen	protein
GMP-IVD-P016-Tg001-Ab	Anti-ebola virus Nucleoprotein antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-IVD-P016-Tg001-Ag	ebola virus Nucleoprotein antigen	protein
GMP-IVD-P017-Tg001-Ab	Anti-cowpox virus A27L Protein antibody	antibody(Fc/mFc)
GMP-IVD-P017-Tg001-Ag	cowpox virus A27L Protein antigen	protein
GMP-IVD-P017-Tg002-Ab	Anti-cowpox virus H3L Protein antibody	antibody(Fc/mFc)
GMP-IVD-P017-Tg002-Ag	cowpox virus H3L Protein antigen	protein
GMP-IVD-P017-Tg003-Ab	Anti-cowpox virus B5R Protein antibody	antibody(Fc/mFc)
GMP-IVD-P017-Tg003-Ag	cowpox virus B5R Protein antigen	protein
GMP-IVD-P018-Tg001-Ab	Anti-WNV Envelope Protein antibody	antibody(Fc/mFc)
GMP-IVD-P018-Tg001-Ag	WNV Envelope Protein antigen	protein
GMP-IVD-P019-Tg001-Ab	Anti-AdV Hexon antibody	antibody(Fc/mFc)
GMP-IVD-P019-Tg001-Ag	AdV Hexon antigen	protein
GMP-IVD-P020-Tg001-Ab	Anti-Plasmodium Merozoite Surface Protein antibody	antibody(Fc/mFc)
GMP-IVD-P020-Tg001-Ab	Anti-Plasmodium Merozoite Surface Protein antibody	antibody(Fc/mFc)
GMP-IVD-P020-Tg001-Ag	Plasmodium Merozoite Surface Protein antigen	protein
GMP-IVD-P020-Tg001-Ag	Plasmodium Merozoite Surface Protein antigen	protein
GMP-IVD-P021-Tg001-Ab	Anti-AstV Capsid Proteins antibody	antibody(Fc/mFc)
GMP-IVD-P021-Tg001-Ag	AstV Capsid Proteins antigen	protein
GMP-IVD-P022-Tg001-Ab	Anti-Norovirus Viral Protein 1 antibody	antibody(Fc/mFc)
GMP-IVD-P022-Tg001-Ag	Norovirus Viral Protein 1 antigen	protein
GMP-IVD-P023-Tg001-Ab	Anti-C. jejuni Outer Membrane Protein antibody	antibody(Fc/mFc)
GMP-IVD-P023-Tg001-Ag	C. jejuni Outer Membrane Protein antigen	protein
GMP-IVD-P023-Tg002-Ab	Anti-C. jejuni Flagellar L-ring Protein antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-IVD-P023-Tg002-Ag	C. jejuni Flagellar L-ring Protein antigen	protein
GMP-IVD-P024-Tg001-Ab	Anti-L. monocytogenes Listeriolysin O antibody	antibody(Fc/mFc)
GMP-IVD-P024-Tg001-Ag	L. monocytogenes Listeriolysin O antigen	protein
GMP-IVD-P025-Tg001-Ab	Anti-rotavirus Viral Protein 6 antibody	antibody(Fc/mFc)
GMP-IVD-P025-Tg001-Ag	rotavirus Viral Protein 6 antigen	protein
GMP-IVD-P026-Tg001-Ab	Anti-Salmonella typhi Outer Membrane Channel Protein OMP 50 antibody	antibody(Fc/mFc)
GMP-IVD-P026-Tg001-Ag	Salmonella typhi Outer Membrane Channel Protein OMP 50 antigen	protein
GMP-IVD-P027-Tg001-Ab	Anti-C. albicans Enolase antibody	antibody(Fc/mFc)
GMP-IVD-P027-Tg001-Ag	C. albicans Enolase antigen	protein
GMP-IVD-P028-Tg001-Ab	Anti-HPV Human Papillomavirus 16 L1 Capsid Protein antibody	antibody(Fc/mFc)
GMP-IVD-P028-Tg001-Ag	HPV Human Papillomavirus 16 L1 Capsid Protein antigen	protein
GMP-IVD-P028-Tg002-Ab	Anti-HPV Human Papillomavirus 16 E7 Protein antibody	antibody(Fc/mFc)
GMP-IVD-P028-Tg002-Ag	HPV Human Papillomavirus 16 E7 Protein antigen	protein
GMP-IVD-P028-Tg003-Ab	Anti-HPV Human Papillomavirus 16 E6 Protein antibody	antibody(Fc/mFc)
GMP-IVD-P028-Tg003-Ag	HPV Human Papillomavirus 16 E6 Protein antigen	protein
GMP-IVD-P028-Tg011-Ab	Anti-HPV Human Papillomavirus 18 L1 Capsid Protein antibody	antibody(Fc/mFc)
GMP-IVD-P028-Tg011-Ag	HPV Human Papillomavirus 18 L1 Capsid Protein antigen	protein
GMP-IVD-P028-Tg012-Ab	Anti-HPV Human Papillomavirus 18 E7 Protein antibody	antibody(Fc/mFc)
GMP-IVD-P028-Tg012-Ag	HPV Human Papillomavirus 18 E7 Protein antigen	protein
GMP-IVD-P029-Tg001-Ab	Anti-HBV Hepatitis B Surface Antigen antibody	antibody(Fc/mFc)
GMP-IVD-P029-Tg001-Ag	HBV Hepatitis B Surface Antigen antigen	protein
GMP-IVD-P029-Tg002-Ab	Anti-HBV Hepatitis B E Antigen antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-IVD-P029-Tg002-Ag	HBV Hepatitis B E Antigen antigen	protein
GMP-IVD-P029-Tg003-Ab	Anti-HBV Hepatitis B Core Antigen antibody	antibody(Fc/mFc)
GMP-IVD-P029-Tg003-Ag	HBV Hepatitis B Core Antigen antigen	protein
GMP-IVD-P030-Tg001-Ab	Anti-HBV PreS1 Protein antibody	antibody(Fc/mFc)
GMP-IVD-P030-Tg001-Ag	HBV PreS1 Protein antigen	protein
GMP-IVD-P031-Tg001-Ab	Anti-Food source pathogenic bacteria resistant antibody	antibody(Fc/mFc)
GMP-IVD-P031-Tg001-Ag	Food source pathogenic bacteria resistant antigen	protein
GMP-IVD-P032-Tg001-Ab	Anti-Rift Valley Fever Nucleoprotein antibody	antibody(Fc/mFc)
GMP-IVD-P032-Tg001-Ag	Rift Valley Fever Nucleoprotein antigen	protein
GMP-IVD-P033-Tg001-Ab	Anti-EBV Epstein-Barr Nuclear Antigen antibody	antibody(Fc/mFc)
GMP-IVD-P033-Tg001-Ag	EBV Epstein-Barr Nuclear Antigen antigen	protein
GMP-IVD-P033-Tg002-Ab	Anti-EBV Viral Capsid Antigen antibody	antibody(Fc/mFc)
GMP-IVD-P033-Tg002-Ag	EBV Viral Capsid Antigen antigen	protein
GMP-IVD-P033-Tg003-Ab	Anti-EBV Glycoprotein 350 antibody	antibody(Fc/mFc)
GMP-IVD-P033-Tg003-Ag	EBV Glycoprotein 350 antigen	protein
GMP-IVD-P034-Tg001-Ab	Anti-EBV Epstein-Barr Virus IgA Specific Antigen antibody	antibody(Fc/mFc)
GMP-IVD-P034-Tg001-Ag	EBV Epstein-Barr Virus IgA Specific Antigen antigen	protein
GMP-IVD-P035-Tg001-Ab	Anti-V. cholerae Toxin B Subunit antibody	antibody(Fc/mFc)
GMP-IVD-P035-Tg001-Ag	V. cholerae Toxin B Subunit antigen	protein
GMP-IVD-P036-Tg001-Ab	Anti-M. tuberculosis Mycobacterium tuberculosis antibody	antibody(Fc/mFc)
GMP-IVD-P036-Tg001-Ag	M. tuberculosis Mycobacterium tuberculosis antigen	protein
GMP-IVD-P037-Tg001-Ab	Anti-Cryptosporidium parvum Cp23 antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-IVD-P037-Tg001-Ag	Cryptosporidium parvum Cp23 antigen	protein
GMP-IVD-P038-Tg001-Ab	Anti-RSV Surface Glycoproteins G and F antibody	antibody(Fc/mFc)
GMP-IVD-P038-Tg001-Ag	RSV Surface Glycoproteins G and F antigen	protein
GMP-IVD-P039-Tg001-Ab	Anti-Rhinoviruses Viral Protein 1 antibody	antibody(Fc/mFc)
GMP-IVD-P039-Tg001-Ag	Rhinoviruses Viral Protein 1 antigen	protein
GMP-IVD-P039-Tg002-Ab	Anti-Rhinoviruses Viral Protein 3 antibody	antibody(Fc/mFc)
GMP-IVD-P039-Tg002-Ag	Rhinoviruses Viral Protein 3 antigen	protein
GMP-IVD-P040-Tg001-Ab	Anti-DEN-NS1 Nonstructural Protein 1 antibody	antibody(Fc/mFc)
GMP-IVD-P040-Tg001-Ag	DEN-NS1 Nonstructural Protein 1 antigen	protein
GMP-IVD-P041-Tg001-Ab	Anti-EV71 Viral Protein 1 antibody	antibody(Fc/mFc)
GMP-IVD-P041-Tg001-Ag	EV71 Viral Protein 1 antigen	protein
GMP-IVD-P042-Tg001-Ab	Anti-streptolysin O Streptolysin O antibody	antibody(Fc/mFc)
GMP-IVD-P042-Tg001-Ag	streptolysin O Streptolysin O antigen	protein
GMP-IVD-P043-Tg001-Ab	Anti-Mycoplasma pneumoniae P1 Adhesion Protein antibody	antibody(Fc/mFc)
GMP-IVD-P043-Tg001-Ag	Mycoplasma pneumoniae P1 Adhesion Protein antigen	protein
GMP-IVD-P044-Tg001-Ab	Anti-H. pylori Cytotoxin-Associated Gene A Protein antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg001-Ag	H. pylori Cytotoxin-Associated Gene A Protein antigen	protein
GMP-IVD-P044-Tg002-Ab	Anti-H. pylori Flagellin A antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg002-Ag	H. pylori Flagellin A antigen	protein
GMP-IVD-P044-Tg003-Ab	Anti-H. pylori Flagellin B antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg003-Ag	H. pylori Flagellin B antigen	protein
GMP-IVD-P044-Tg004-Ab	Anti-H. pylori Vacuolating Cytotoxin A antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-IVD-P044-Tg004-Ag	H. pylori Vacuolating Cytotoxin A antigen	protein
GMP-IVD-P044-Tg005-Ab	Anti-H. pylori Urease B antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg005-Ag	H. pylori Urease B antigen	protein
GMP-IVD-P044-Tg006-Ab	Anti-H. pylori Heat Shock Protein antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg006-Ag	H. pylori Heat Shock Protein antigen	protein
GMP-IVD-P044-Tg007-Ab	Anti-H. pylori Outer Membrane Protein 1 antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg007-Ag	H. pylori Outer Membrane Protein 1 antigen	protein
GMP-IVD-P044-Tg008-Ab	Anti-H. pylori Outer Membrane Protein 2 antibody	antibody(Fc/mFc)
GMP-IVD-P044-Tg008-Ag	H. pylori Outer Membrane Protein 2 antigen	protein
GMP-IVD-P045-Tg001-Ab	Anti-Prion PrP antibody	antibody(Fc/mFc)
GMP-IVD-P045-Tg001-Ag	Prion PrP antigen	protein
GMP-IVD-P048-Tg001-Ab	Anti-SARS-CoV2 Nucleocapsid antibody	antibody(Fc/mFc)
GMP-IVD-P048-Tg001-Ag	SARS-CoV2 Nucleocapsid antigen	protein

Inflammation/autoimmune/inflammatory diseases

Cat.No	Products Name	Products Type
GMP-h-a-defensin-1-Ab	Anti-human alpha defensin 1 (α -defensin 1) antibody	antibody(Fc/mFc)
GMP-h-a-defensin-1-antigen	Human alpha defensin 1 (α -defensin 1) antigen	peptide-(naked/BSA/OVA)
GMP-h-a-defensin-5-Ab	Anti-human alpha defensin 5 (α -defensin 5) antibody	antibody(Fc/mFc)
GMP-h-a-defensin-5-antigen	Human alpha defensin 5 (α -defensin 5) antigen	peptide-(naked/BSA/OVA)
GMP-h-AQP4-Ab	Anti-human aquaporin-4 (AQP4) antibody	antibody(Fc/mFc)
GMP-h-AQP4-Ag	Human aquaporin-4 (AQP4) antigen	protein

Cat.No	Products Name	Products Type
GMP-h-CRP-Ab	Anti-human C-Reactive Protein (CRP) antibody	antibody(Fc/mFc)
GMP-h-CRP-Ag	Human C-Reactive Protein (CRP) antigen	protein
GMP-h-HBP-Ab	Anti-human Heparin-binding protein (HBP) antibody	antibody(Fc/mFc)
GMP-h-HBP-Ag	Human Heparin-binding protein (HBP) antigen	protein
GMP-h-IFNγ-Ab	Anti-human Interferon gamma (IFN γ) antibody	antibody(Fc/mFc)
GMP-h-IFNγ-Ag	Human Interferon gamma (IFN γ) antigen	protein
GMP-h-IL-6-Ab	Anti-human Interleukin 6 (IL-6) antibody	antibody(Fc/mFc)
GMP-h-IL-6-Ag	Human Interleukin 6 (IL-6) antigen	protein
GMP-h-MOG-Ab	Anti-human myelin oligodendrocyte glycoprotein (MOG) antibody	antibody(Fc/mFc)
GMP-h-MOG-Ag	Human myelin oligodendrocyte glycoprotein (MOG) antigen	protein
GMP-h-PCT-Ab	Anti-human procalcitonin (PCT) antibody	antibody(Fc/mFc)
GMP-h-PCT-Ag	Human procalcitonin (PCT) antigen	protein
GMP-h-S100-A9-Ab	Anti-human Calprotectin heavy chain (S100-A9) antibody	antibody(Fc/mFc)
GMP-h-S100-A9-Ag	Human Calprotectin heavy chain (S100-A9) antigen	protein
GMP-h-SAA1-Ab	Anti-human Serum Amyloid A1 (SAA1) antibody	antibody(Fc/mFc)
GMP-h-SAA1-Ag	Human Serum Amyloid A1 (SAA1) antigen	protein
GMP-h-SAA-Ab	Anti-human Serum amyloid A protein (SAA) antibody	antibody(Fc/mFc)
GMP-h-SAA-Ag	Human Serum Amyloid A (SAA) antigen	protein
GMP-h-TNF-Ab	Anti-human tumor necrosis factor alpha (TNF α) antibody	antibody(Fc/mFc)
GMP-h-TNF-Ag	Human tumor necrosis factor alpha (TNF α) antigen	protein
GMP-h-TPO-Ab	Anti-human Thyroid peroxidase (TPO) antibody	antibody(Fc/mFc)
GMP-h-TPO-Ag	Human Thyroid peroxidase (TPO) antigen	protein

Cat.No	Products Name	Products Type
GMP-SMT-197-Ab	Anti-Tolfenamicacid antibody	antibody(Fc/mFc)
GMP-SMT-197-Ag	Tolfenamicacid antigen	chemicals-BSA/OVA
GMP-SMT-198-Ab	Anti-Carprofen antibody	antibody(Fc/mFc)
GMP-SMT-198-Ag	Carprofen antigen	chemicals-BSA/OVA
GMP-SMT-199-Ab	Anti-Flunixin meglumine antibody	antibody(Fc/mFc)
GMP-SMT-199-Ag	Flunixin meglumine antigen	chemicals-BSA/OVA
GMP-SMT-201-Ab	Anti-Metamizole antibody	antibody(Fc/mFc)
GMP-SMT-201-Ag	Metamizole antigen	chemicals-BSA/OVA
GMP-SMT-203-Ab	Anti-Diazepam (DZP) antibody	antibody(Fc/mFc)
GMP-SMT-203-Ag	Diazepam (DZP) antigen	chemicals-BSA/OVA
GMP-SMT-205-Ab	Anti-Indomethacin antibody	antibody(Fc/mFc)
GMP-SMT-205-Ag	Indomethacin antigen	chemicals-BSA/OVA
GMP-SMT-206-Ab	Anti-meloxicam antibody	antibody(Fc/mFc)
GMP-SMT-206-Ag	meloxicam antigen	chemicals-BSA/OVA
GMP-SMT-220-Ab	Anti-Lactoferrin (LF) antibody	antibody(Fc/mFc)
GMP-SMT-220-Ag	Lactoferrin (LF) antigen	chemicals-BSA/OVA
GMP-SMT-221-Ab	Anti-FITC antibody	antibody(Fc/mFc)
GMP-SMT-221-Ag	FITC antigen	chemicals-BSA/OVA
GMP-SMT-222-Ab	Anti-Histamine antibody	antibody(Fc/mFc)
GMP-SMT-222-Ag	Histamine antigen	chemicals-BSA/OVA
GMP-SMT-227-Ab	Anti-Cocaine (COC) antibody	antibody(Fc/mFc)
GMP-SMT-227-Ag	Cocaine (COC) antigen	chemicals-BSA/OVA

Cat.No	Products Name	Products Type
GMP-SMT-228-Ab	Anti-Cotinine (COT) antibody	antibody(Fc/mFc)
GMP-SMT-228-Ag	Cotinine (COT) antigen	chemicals-BSA/OVA
GMP-SMT-CCP-Ab	Anti-cyclic citrullinated peptide (CCP) antibody	antibody(Fc/mFc)
GMP-SMT-CCP-Ag	cyclic citrullinated peptide (CCP) antigen	chemicals-BSA/OVA
GMP-SMT-MPA-Ab	Anti-mycophenolic acid (MPA) antibody	antibody(Fc/mFc)
GMP-SMT-MPA-Ag	mycophenolic acid (MPA) antigen	chemicals-BSA/OVA

Cardiovascular diseases

Cat.No	Products Name	Products Type
GMP-h-AI-Ab	Anti-human Angiotensin (AI) antibody	antibody(Fc/mFc)
GMP-h-AI-Ag	Human Angiotensin (AI) antigen	peptide-(naked/BSA/OVA)
GMP-h-ANP-Ab	Anti-human atrial natriuretic peptide (ANP) antibody	antibody(Fc/mFc)
GMP-h-ANP-Ag	Human atrial natriuretic peptide (ANP) antigen	peptide-(naked/BSA/OVA)
GMP-h-ApoA-Ab	Anti-human Apolipoprotein A (ApoA) antibody	antibody(Fc/mFc)
GMP-h-ApoA-Ag	Human Apolipoprotein A (ApoA) antigen	protein
GMP-h-ApoE-Ab	Anti-human Apolipoprotein E (ApoE) antibody	antibody(Fc/mFc)
GMP-h-ApoE-Ag	Human Apolipoprotein E (ApoE) antigen	protein
GMP-h-BNP-Ab	Anti-human B-type natriuretic peptide (BNP) antibody	antibody(Fc/mFc)
GMP-h-BNP-Ag	Human B-type natriuretic peptide (BNP) antigen	protein
GMP-h-CKMB-Ab	Anti-human creatine kinase myocardial band (CKMB) antibody	antibody(Fc/mFc)
GMP-h-CK-MB-Ab	Anti-human Creatine Kinase MB (CK-MB) antibody	antibody(Fc/mFc)
GMP-h-CKMB-Ag	Human creatine kinase myocardial band (CKMB) antigen	protein

Cat.No	Products Name	Products Type
GMP-h-CK-MB-Ag	Human Creatine Kinase MB (CK-MB) antigen	protein
GMP-h-CNP-Ab	Anti-human C-type natriuretic peptide (CNP) antibody	antibody(Fc/mFc)
GMP-h-CNP-Ag	Human C-type natriuretic peptide (CNP) antigen	peptide-(naked/BSA/OVA)
GMP-h-cTnI-Ab	Anti-human cardiac troponin I (cTnI) antibody	antibody(Fc/mFc)
GMP-h-cTnI-Ag	Human Cardiac troponin I (cTnI) antigen	protein
GMP-h-cTnT-Ab	Anti-human cardiac troponin T (cTnT) antibody	antibody(Fc/mFc)
GMP-h-cTnT-Ag	Human cardiac troponin T (cTnT) antigen	protein
GMP-h-D-Dimer-Ab	Anti-human D dimer (D-Dimer) antibody	antibody(Fc/mFc)
GMP-h-D-Dimer-Ag	Human D dimer (D-Dimer) antigen	peptide-(naked/BSA/OVA)
GMP-h-Dig-Ab	Anti-human Digoxigenin (Dig) antibody	antibody(Fc/mFc)
GMP-h-Dig-Ag	Human Digoxigenin (Dig) antigen	peptide-(naked/BSA/OVA)
GMP-h-GDF-15-Ab	Anti-human Growth differentiation factor-15 (GDF-15) antibody	antibody(Fc/mFc)
GMP-h-GDF-15-Ag	Human Growth differentiation factor-15 (GDF-15) antigen	protein
GMP-h-H-FABP-Ab	Anti-human Heart-type Fatty Acid-Binding Protein (H-FABP) antibody	antibody(Fc/mFc)
GMP-h-H-FABP-Ag	Human Heart-type Fatty Acid-Binding Protein (H-FABP) antigen	peptide-(naked/BSA/OVA)
GMP-h-MMP3-Ab	Anti-human matrix metalloproteinase-3 (MMP3) antibody	antibody(Fc/mFc)
GMP-h-MMP3-Ag	Human matrix metalloproteinase-3 (MMP3) antigen	protein
GMP-h-MPO-Ab	Anti-human Myeloperoxidase (MPO) antibody	antibody(Fc/mFc)
GMP-h-MPO-Ag	Human Myeloperoxidase (MPO) antigen	protein
GMP-h-Myo-Ab	Anti-human Myoglobin (Myo) antibody	antibody(Fc/mFc)
GMP-h-Myo-Ag	Human Myoglobin (Myo) antigen	protein
GMP-h-NT-proBNP-Ab	Anti-human N-terminal prohormone of brain natriuretic peptide (NT-proBNP) antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-h-NT-proBNP-Ag	Human N-terminal prohormone of brain natriuretic peptide (NT-proBNP) antigen	peptide-(naked/BSA/OVA)
GMP-h-PLGF-1-Ab	Anti-human placental growth factor-1 (PLGF-1) antibody	antibody(Fc/mFc)
GMP-h-PLGF-1-Ag	Human placental growth factor-1 (PLGF-1) antigen	protein
GMP-h-proBNP-Ab	Anti-human pro B-type natriuretic peptide (proBNP) antibody	antibody(Fc/mFc)
GMP-h-proBNP-Ag	Human pro B-type natriuretic peptide (proBNP) antigen	peptide-(naked/BSA/OVA)
GMP-h-sST2-Ab	Anti-human soluble ST2 (sST2) antibody	antibody(Fc/mFc)
GMP-h-sST2-Ag	Human soluble ST2 (sST2) antigen	protein
GMP-h-TIMP-1-Ab	Anti-human Matrix Metalloproteinase Inhibitor-1 (TIMP-1) antibody	antibody(Fc/mFc)
GMP-h-TIMP-1-Ag	Human Matrix Metalloproteinase Inhibitor-1 (TIMP-1) antigen	protein
GMP-h-VEGF-Ab	Anti-human Vascular Endothelial Growth Factor (VEGF) antibody	antibody(Fc/mFc)
GMP-h-VEGF-Ag	Human Vascular Endothelial Growth Factor (VEGF) antigen	protein
GMP-SMT-207-Ab	Anti-Hydrochlorothiazide (DCT) antibody	antibody(Fc/mFc)
GMP-SMT-207-Ag	Hydrochlorothiazide (DCT) antigen	chemicals-BSA/OVA
GMP-SMT-208-Ab	Anti-Amlodipine (ADP) antibody	antibody(Fc/mFc)
GMP-SMT-208-Ag	Amlodipine (ADP) antigen	chemicals-BSA/OVA
GMP-SMT-209-Ab	Anti-Sildenafil (SDN) antibody	antibody(Fc/mFc)
GMP-SMT-209-Ag	Sildenafil (SDN) antigen	chemicals-BSA/OVA
GMP-SMT-Digoxin-Ab	Anti-digoxigenin (Digoxin) antibody	antibody(Fc/mFc)
GMP-SMT-Digoxin-Ag	digoxigenin (Digoxin) antigen	chemicals-BSA/OVA
GMP-SMT-HCY-Ab	Anti-Homocysteine (HCY) antibody	antibody(Fc/mFc)
GMP-SMT-HCY-Ag	Homocysteine (HCY) antigen	chemicals-BSA/OVA
GMP-SMT-HFABP-Ab	Anti-Human Fatty Acid Binding Protein (HFABP) antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-SMT-HFABP-Ag	Human Fatty Acid Binding Protein (HFABP) antigen	chemicals-BSA/OVA
GMP-SMT-RAA-Aldo-Ab	Anti-aldosterone (RAA/Aldo) antibody	antibody(Fc/mFc)
GMP-SMT-RAA-Aldo-Ag	aldosterone (RAA/Aldo) antigen	chemicals-BSA/OVA
GMP-SMT-SAH-Ab	Anti-S-Adenosylhomocysteine (SAH) antibody	antibody(Fc/mFc)
GMP-SMT-SAH-Ag	S-Adenosylhomocysteine (SAH) antigen	chemicals-BSA/OVA

Liver diseases

Cat.No	Products Name	Products Type
GMP-h-clV-Ab	Anti-human collagen type IV (clV) antibody	antibody(Fc/mFc)
GMP-h-clV-Ag	Human collagen type IV (clV) antigen	protein
GMP-h-HABP-Ab	Anti-human Hyaluronic acid binding protein (HABP) antibody	antibody(Fc/mFc)
GMP-h-HABP-Ag	Human Hyaluronic acid binding protein (HABP) antigen	protein
GMP-h-LN-Ab	Anti-human laminins (LN) antibody	antibody(Fc/mFc)
GMP-h-LN-Ag	Human laminins (LN) antigen	protein
GMP-h-PA-Ab	Anti-human Prealbumin (PA) antibody	antibody(Fc/mFc)
GMP-h-PA-Ag	Human Prealbumin (PA) antigen	protein
GMP-h-PIIINP-Ab	Anti-human Procollagen III N-terminal peptide (PIIINP) antibody	antibody(Fc/mFc)
GMP-h-PIIINP-Ag	Human Procollagen III N-terminal peptide (PIIINP) antigen	peptide-(naked/BSA/OVA)
GMP-SMT-204-Ab	Anti-Antipyrine (AP) antibody	antibody(Fc/mFc)
GMP-SMT-204-Ag	Antipyrine (AP) antigen	chemicals-BSA/OVA
GMP-SMT-224-Ab	Anti-Barbital (BAR) antibody	antibody(Fc/mFc)
GMP-SMT-224-Ag	Barbital (BAR) antigen	chemicals-BSA/OVA

Cat.No	Products Name	Products Type
GMP-SMT-CG-Ab	Anti-Cholyglycine (CG) antibody	antibody(Fc/mFc)
GMP-SMT-CG-Ag	Cholyglycine (CG) antigen	chemicals-BSA/OVA
GMP-SMT-cholanoic-acid-Ab	Anti-deoxycholic acid (cholanoic acid) antibody	antibody(Fc/mFc)
GMP-SMT-cholanoic-acid-Ag	deoxycholic acid (cholanoic acid) antigen	chemicals-BSA/OVA
GMP-SMT-HA-Ab	Anti-hyaluronic acid (HA) antibody	antibody(Fc/mFc)
GMP-SMT-HA-Ag	hyaluronic acid (HA) antigen	chemicals-BSA/OVA
GMP-SMT-LCA-Ab	Anti-Lithocholic Acid (LCA) antibody	antibody(Fc/mFc)
GMP-SMT-LCA-Ag	Lithocholic Acid (LCA) antigen	chemicals-BSA/OVA

Lung injury

Cat.No	Products Name	Products Type
GMP-h-ACE2-hFc-Ab	Anti-human Angiotensin Converting Enzyme 2 (ACE2/hFc) antibody	antibody(Fc/mFc)
GMP-h-ACE2-hFc-Ag	Human Angiotensin Converting Enzyme 2 (ACE2/hFc) antigen	protein
GMP-h-ACE2-his-Ab	Anti-human Angiotensin Converting Enzyme 2 (His) (ACE2/his) antibody	antibody(Fc/mFc)
GMP-h-ACE2-his-Ag	Human Angiotensin Converting Enzyme 2 (His) (ACE2/his) antigen	protein

Kidney function (renal damages)

Cat.No	Products Name	Products Type
GMP-h-A1M-Ab	Anti-human Alpha-1-microglobulin (A1M) antibody	antibody(Fc/mFc)
GMP-h-A1M-Ag	Human Alpha-1-microglobulin (A1M) antigen	peptide-(naked/BSA/OVA)
GMP-h-B2M-Ab	Anti-human Beta-2 microglobulin (B2M) antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-h-B2M-Ag	Human Beta-2 microglobulin (B2M) antigen	peptide-(naked/BSA/OVA)
GMP-h-CYSC-Ab	Anti-human Cystatin C (CYSC) antibody	antibody(Fc/mFc)
GMP-h-CYSC-Ag	Human Cystatin C (CYSC) antigen	peptide-(naked/BSA/OVA)
GMP-h-NGAL-Ab	Anti-human Neutrophil gelatinase-associated lipocalin (NGAL) antibody	antibody(Fc/mFc)
GMP-h-NGAL-Ag	Human Neutrophil gelatinase-associated lipocalin (NGAL) antigen	protein
GMP-SMT-cr-Ab	Anti-creatinine (cr) antibody	antibody(Fc/mFc)
GMP-SMT-cr-Ag	creatinine (cr) antigen	chemicals-BSA/OVA

Gastric disease

Cat.No	Products Name	Products Type
GMP-h-G100-Ab	Anti-human Gastrin (G100) antibody	antibody(Fc/mFc)
GMP-h-G100-Ag	Human Gastrin (G100) antigen	peptide-(naked/BSA/OVA)
GMP-h-PG-I-Ab	Anti-human pepsinogen I (PG I) antibody	antibody(Fc/mFc)
GMP-h-PG-I-Ag	Human pepsinogen I (PG I) antigen	protein
GMP-h-PG-II-Ab	Anti-human Pepsinogen II (PG II) antibody	antibody(Fc/mFc)
GMP-h-PG-II-Ag	Human Pepsinogen II (PG II) antigen	protein
GMP-SMT-G17-Ab	Anti-Gastrin 17 (G17) antibody	antibody(Fc/mFc)
GMP-SMT-G17-Ag	Gastrin 17 (G17) antigen	chemicals-BSA/OVA
GMP-SMT-TFF1-Ab	Anti-trefoil factor 1 (TFF1) antibody	antibody(Fc/mFc)
GMP-SMT-TFF1-Ag	trefoil factor 1 (TFF1) antigen	chemicals-BSA/OVA

Thyroid diseases

Cat.No	Products Name	Products Type
GMP-h-TSH-Ab	Anti-human Thyroid-stimulating hormone (TSH) antibody	antibody(Fc/mFc)
GMP-h-TSH-Ag	Human Thyroid Stimulating Hormone (TSH) antigen	protein
GMP-SMT-rT3-Ab	Anti-Reverse triiodothyronine (rT3) antibody	antibody(Fc/mFc)
GMP-SMT-rT3-Ag	Reverse triiodothyronine (rT3) antigen	chemicals-BSA/OVA

Bowel disease

Cat.No	Products Name	Products Type
GMP-h-S100-A8-Ab	Anti-human Calprotectin (S100-A8) antibody	antibody(Fc/mFc)
GMP-h-S100-A8-Ag	Human Calprotectin (S100-A8) antigen	protein

Fertility

Cat.No	Products Name	Products Type
GMP-h-ACRV1-Ab	Anti-human acrosome protein (ACRV1) antibody	antibody(Fc/mFc)
GMP-h-ACRV1-Ag	Human acrosome protein (ACRV1) antigen	protein
GMP-h-AMH-Ab	Anti-human Anti-Müllerian hormone (AMH) antibody	antibody(Fc/mFc)
GMP-h-AMH-Ag	Human Anti-Müllerian hormone (AMH) antigen	peptide-(naked/BSA/OVA)
GMP-h-fFN-Ab	Anti-human Fetal fibronectin (fFN) antibody	antibody(Fc/mFc)
GMP-h-fFN-Ag	Human Fetal fibronectin (fFN) antigen	protein

Diabetes diseases

Cat.No	Products Name	Products Type
GMP-h-ADPN-Ab	Anti-human Adiponectin (ADPN) antibody	antibody(Fc/mFc)
GMP-h-ADPN-Ag	Human Adiponectin (ADPN) antigen	peptide-(naked/BSA/OVA)
GMP-h-Copeptin-Ab	Anti-human Copeptin (Copeptin) antibody	antibody(Fc/mFc)
GMP-h-Copeptin-Ag	Human Copeptin (Copeptin) antigen	protein
GMP-h-C-Peptide-Ab	Anti-human C-peptide (C-Peptide) antibody	antibody(Fc/mFc)
GMP-h-C-Peptide-Ag	Human C-peptide (C-Peptide) antigen	peptide-(naked/BSA/OVA)
GMP-h-Ins-Ab	Anti-human Insulin (Ins) antibody	antibody(Fc/mFc)
GMP-h-Ins-Ag	Human Insulin (Ins) antigen	peptide-(naked/BSA/OVA)
GMP-h-Proinsulin-Ab	Anti-human Proinsulin (Proinsulin) antibody	antibody(Fc/mFc)
GMP-h-Proinsulin-Ag	Human Proinsulin (Proinsulin) antigen	peptide-(naked/BSA/OVA)

Metabolic diseases

Cat.No	Products Name	Products Type
GMP-h-CBL-Ab	Anti-human cystathionine- β -synthase enzyme (CBL) antibody	antibody(Fc/mFc)
GMP-h-CBL-Ag	Human cystathionine- β -synthase enzyme (CBL) antigen	protein
GMP-h-CBS-Ab	Anti-human cystathionine- β -synthase enzyme (CBS) antibody	antibody(Fc/mFc)
GMP-h-CBS-Ag	Human cystathionine- β -synthase antigen	protein
GMP-h-CTx-Ab	Anti-human β -isomerized C-terminal telopeptides (β -CTx) antibody	antibody(Fc/mFc)
GMP-h-CTx-Ag	Human β -isomerized C-terminal telopeptides (β -CTx) antigen	peptide-(naked/BSA/OVA)
GMP-h-N-MID-OC-Ab	Anti-human N-terminal midfragment of Osteocalcin (N-MID OC) antibody	antibody(Fc/mFc)
GMP-h-N-MID-OC-Ag	Human N-terminal midfragment of Osteocalcin (N-MID OC) antigen	peptide-(naked/BSA/OVA)

Cat.No	Products Name	Products Type
GMP-h-PINP-Ab	Anti-human amino-terminal propeptide (PINP) antibody	antibody(Fc/mFc)
GMP-h-PINP-Ag	Human amino-terminal propeptide (PINP) antigen	peptide-(naked/BSA/OVA)
GMP-h-SAHH-Ab	Anti-human S-adenosylhomocysteine (AdoHcy) hydrolase (SAHH) antibody	antibody(Fc/mFc)
GMP-h-SAHH-Ag	Human S-adenosylhomocysteine (AdoHcy) hydrolase (SAHH) antigen	protein
GMP-SMT-187-Ab	Anti-Growth hormone (hGH) antibody	antibody(Fc/mFc)
GMP-SMT-187-Ag	Growth hormone (hGH) antigen	chemicals-BSA/OVA
GMP-SMT-219-Ab	Anti-Biotin (BT) antibody	antibody(Fc/mFc)
GMP-SMT-219-Ag	Biotin (BT) antigen	chemicals-BSA/OVA
GMP-SMT-231-Ab	Anti-Ethyl glucuronide (EtG) antibody	antibody(Fc/mFc)
GMP-SMT-231-Ag	Ethyl glucuronide (EtG) antigen	chemicals-BSA/OVA
GMP-SMT-25-OH-(VD3+VD2)-Ab	Anti-25 hydroxyvitamin D (25-OH- (VD3+VD2)) antibody	antibody(Fc/mFc)
GMP-SMT-25-OH-(VD3+VD2)-Hapten	25 hydroxyvitamin D (25-OH- (VD3+VD2)) antigen	chemicals-BSA/OVA
GMP-SMT-25-OH-VD-3-Ab	Anti-25-hydroxy (OH) Vitamin 3 (25-OH-VD-3) antibody	antibody(Fc/mFc)
GMP-SMT-25-OH-VD-3-Ag	25-hydroxy (OH) Vitamin 3 (25-OH-VD-3) antigen	chemicals-BSA/OVA
GMP-SMT-25-OH-VD-Ab	Anti-25-hydroxy (OH) Vitamin (25-OH-VD) antibody	antibody(Fc/mFc)
GMP-SMT-25-OH-VD-Ag	25-hydroxy (OH) Vitamin (25-OH-VD) antigen	chemicals-BSA/OVA
GMP-SMT-LP-PLA2-Ab	Anti-Phospholipase A2 (LP-PLA2) antibody	antibody(Fc/mFc)
GMP-SMT-LP-PLA2-Ag	Phospholipase A2 (LP-PLA2) antigen	chemicals-BSA/OVA
GMP-SMT-RBP4-Ab	Anti-Retinol binding protein 4 (RBP4) antibody	antibody(Fc/mFc)
GMP-SMT-RBP4-Ag	Retinol binding protein 4 (RBP4) antigen	chemicals-BSA/OVA

Hormone disorders

Cat.No	Products Name	Products Type
GMP-h-ACTH-Ab	Anti-human adrenocorticotrophic hormone (ACTH) antibody	antibody(Fc/mFc)
GMP-h-ACTH-Ag	Human adrenocorticotrophic hormone (ACTH) antigen	protein
GMP-h-FSH-Ab	Anti-human follicle stimulating hormone (FSH) antibody	antibody(Fc/mFc)
GMP-h-FSH-Ag	Human follicle stimulating hormone (FSH) antigen	protein
GMP-h-HCG-Ab	Anti-human chorionic gonadotropin (HCG) antibody	antibody(Fc/mFc)
GMP-h-HCG-Ag	Human chorionic gonadotropin (HCG) antigen	protein
GMP-h-hGH-Ab	Anti-human Growth hormone (hGH) antibody	antibody(Fc/mFc)
GMP-h-hGH-Ag	Human Growth hormone (hGH) antigen	protein
GMP-h-PTH-Ab	Anti-human parathyroid hormone (PTH) antibody	antibody(Fc/mFc)
GMP-h-PTH-Ag	Human parathyroid hormone (PTH) antigen	protein
GMP-SMT-Bisphenol-A-Ab	Anti-Bisphenol A antibody	antibody(Fc/mFc)
GMP-SMT-Bisphenol-A-Ag	Bisphenol A antigen	chemicals-BSA/OVA
GMP-SMT-Calcitonin-Ab	Anti-Calcitonin antibody	antibody(Fc/mFc)
GMP-SMT-Calcitonin-Ag	Calcitonin antigen	chemicals-BSA/OVA
GMP-SMT-Cortisol-Ab	Anti-Cortisol antibody	antibody(Fc/mFc)
GMP-SMT-Cortisol-Ag	Cortisol antigen	chemicals-BSA/OVA
GMP-SMT-DES-HES-Ab	Anti-Diethylstilbestrol/Hexestrol (DES/HES) antibody	antibody(Fc/mFc)
GMP-SMT-DES-HES-Ag	Diethylstilbestrol/Hexestrol (DES/HES) antigen	chemicals-BSA/OVA
GMP-SMT-DEX-Ab	Anti-Dexamethasone (DEX) antibody	antibody(Fc/mFc)
GMP-SMT-DEX-Ag	Dexamethasone (DEX) antigen	chemicals-BSA/OVA
GMP-SMT-DHEA-Ab	Anti-dehydroepiandrosterone (DHEA) antibody	antibody(Fc/mFc)
GMP-SMT-DHEA-Ag	dehydroepiandrosterone (DHEA) antigen	chemicals-BSA/OVA

Cat.No	Products Name	Products Type
GMP-SMT-E1-Ab	Anti-Estrone (E1) antibody	antibody(Fc/mFc)
GMP-SMT-E1-Ag	Estrone (E1) antigen	chemicals-BSA/OVA
GMP-SMT-E2-E3-Ab	Anti-Estradiol (E2/E3) antibody	antibody(Fc/mFc)
GMP-SMT-E2-E3-Ag	Estradiol (E2/E3) antigen	chemicals-BSA/OVA
GMP-SMT-EPO-Ab	Anti-Erythropoetin (EPO) antibody	antibody(Fc/mFc)
GMP-SMT-EPO-Ag	Erythropoetin (EPO) antigen	chemicals-BSA/OVA
GMP-SMT-Flugestone-Acetate-Ab	Anti-Flugestone Acetate antibody	antibody(Fc/mFc)
GMP-SMT-Flugestone-Acetate-Ag	Flugestone Acetate antigen	chemicals-BSA/OVA
GMP-SMT-Forchlorfenuron-Ab	Anti-Forchlorfenuron antibody	antibody(Fc/mFc)
GMP-SMT-Forchlorfenuron-Ag	Forchlorfenuron antigen	chemicals-BSA/OVA
GMP-SMT-IGFBP-1-Ab	Anti-Insulin-like growth factor binding protein 1 (IGFBP-1) antibody	antibody(Fc/mFc)
GMP-SMT-IGFBP-1-Ag	Insulin-like growth factor binding protein 1 (IGFBP-1) antigen	chemicals-BSA/OVA
GMP-SMT-LH-Ab	Anti-Luteinizing hormone (LH) antibody	antibody(Fc/mFc)
GMP-SMT-LH-Ag	Luteinizing hormone (LH) antigen	chemicals-BSA/OVA
GMP-SMT-Norethisterone-Ab	Anti-Norethisterone antibody	antibody(Fc/mFc)
GMP-SMT-Norethisterone-Ag	Norethisterone antigen	chemicals-BSA/OVA
GMP-SMT-PG-Ab	Anti-Prostaglandin (PG) antibody	antibody(Fc/mFc)
GMP-SMT-PG-Ag	Prostaglandin (PG) antigen	chemicals-BSA/OVA
GMP-SMT-Progesterone-Ab	Anti-Progesterone antibody	antibody(Fc/mFc)
GMP-SMT-Progesterone-Ag	Progesterone antigen	chemicals-BSA/OVA
GMP-SMT-Prolactin-Ab	Anti-Prolactin antibody	antibody(Fc/mFc)
GMP-SMT-Prolactin-Ag	Prolactin antigen	chemicals-BSA/OVA

Cat.No	Products Name	Products Type
GMP-SMT-TBG-Ab	Anti-Thyroid Binding Globulin (TBG) antibody	antibody(Fc/mFc)
GMP-SMT-TBG-Ag	Thyroid Binding Globulin (TBG) antigen	chemicals-BSA/OVA
GMP-SMT-Testosterone-Ab	Anti-Testosterone antibody	antibody(Fc/mFc)
GMP-SMT-Testosterone-Ag	Testosterone antigen	chemicals-BSA/OVA
GMP-SMT-Thyroxin-T3-Ab	Anti-Thyroxin T3 antibody	antibody(Fc/mFc)
GMP-SMT-Thyroxin-T3-Ag	Thyroxin T3 antigen	chemicals-BSA/OVA
GMP-SMT-Thyroxin-T4-Ab	Anti-Thyroxin T4 antibody	antibody(Fc/mFc)
GMP-SMT-Thyroxin-T4-Ag	Thyroxin T4 antigen	chemicals-BSA/OVA

Vitamin deficiency

Cat.No	Products Name	Products Type
GMP-h-VDBP-Ab	Anti-human vitamin D binding protein (VDBP) antibody	antibody(Fc/mFc)
GMP-h-VDBP-Ag	Human vitamin D binding protein (VDBP) antigen	protein
GMP-SMT-216-Ab	Anti-Vitamin B2 (Vb2) antibody	antibody(Fc/mFc)
GMP-SMT-216-Ag	Vitamin B2 (Vb2) antigen	chemicals-BSA/OVA
GMP-SMT-217-Ab	Anti-Vitamin B12 (Vb12) antibody	antibody(Fc/mFc)
GMP-SMT-217-Ag	Vitamin B12 (Vb12) antigen	chemicals-BSA/OVA
GMP-SMT-FA-Ab	Anti-folic acid (FA) antibody	antibody(Fc/mFc)
GMP-SMT-FA-Ag	folic acid (FA) antigen	chemicals-BSA/OVA

Fibrinogen disorders

Cat.No	Products Name	Products Type
GMP-h-FIB-Ab	Anti-human Fibrinogen (FIB) antibody	antibody(Fc/mFc)
GMP-h-FIB-Ag	Human Fibrinogen (FIB) antigen	protein

Epilepsy

Cat.No	Products Name	Products Type
GMP-SMT-202-Ab	Anti-Nitrazepam, Clonazepam (CZP) antibody	antibody(Fc/mFc)
GMP-SMT-202-Ag	Nitrazepam, Clonazepam (CZP) antigen	chemicals-BSA/OVA
GMP-SMT-VPA-Ab	Anti-Sodium valproate (VPA) antibody	antibody(Fc/mFc)
GMP-SMT-VPA-Ag	Sodium valproate (VPA) antigen	chemicals-BSA/OVA

Neurodegenerative diseases

Cat.No	Products Name	Products Type
GMP-h-AD7c-NTP-Ab	Anti-human AD-associated neuronal thread protein (AD7c-NTP) antibody	antibody(Fc/mFc)
GMP-h-AD7c-NTP-Ag	Human AD-associated neuronal thread protein (AD7c-NTP) antigen	protein
GMP-h-albumin-Ab	Anti-human albumin protein (albumin) antibody	antibody(Fc/mFc)
GMP-h-albumin-Ag	Human albumin protein (albumin) antigen	protein
GMP-h-Aβ38-Ab	Anti-human beta-amyloid 38 (Aβ38) antibody	antibody(Fc/mFc)
GMP-h-Aβ38-Ag	Human beta-amyloid 38 (Aβ38) antigen	peptide-(naked/BSA/OVA)
GMP-h-Aβ40-Ab	Anti-human beta-amyloid 40 (Aβ40) antibody	antibody(Fc/mFc)
GMP-h-Aβ40-Ag	Human beta-amyloid 40 (Aβ40) antigen	protein

Cat.No	Products Name	Products Type
GMP-h-Aβ42-Ab	Anti-human beta-amyloid 42 (Aβ42) antibody	antibody(Fc/mFc)
GMP-h-Aβ42-Ag	Human beta-amyloid 42 (Aβ42) antigen	protein
GMP-h-GFAP-Ab	Anti-human Glial fibrillary acid protein (GFAP) antibody	antibody(Fc/mFc)
GMP-h-GFAP-Ag	Human Glial fibrillary acid protein (GFAP) antigen	protein
GMP-h-HFABP-Ab	Anti-human Heart fatty acid-binding protein (HFABP) antibody	antibody(Fc/mFc)
GMP-h-HFABP-Ag	Human Heart fatty acid-binding protein (HFABP) antigen	protein
GMP-h-MCP-1-Ab	Anti-human Monocyte chemoattractant protein-1 (MCP-1/CCL2) antibody	antibody(Fc/mFc)
GMP-h-MCP-1-Ag	Human Monocyte chemoattractant protein-1 (MCP-1/CCL2) antigen	peptide-(naked/BSA/OVA)
GMP-h-neurogranin-Ab	Anti-human neurogranin protein (neurogranin) antibody	antibody(Fc/mFc)
GMP-h-neurogranin-Ag	Human neurogranin protein (neurogranin) antigen	protein
GMP-h-NFL-Ab	Anti-human neurofilament light chain (NFL) antibody	antibody(Fc/mFc)
GMP-h-NFL-Ag	Human neurofilament light chain (NFL) antigen	protein
GMP-h-NSE-Ab	Anti-human neuron-specific enolase (NSE) antibody	antibody(Fc/mFc)
GMP-h-NSE-Ag	Human neuron-specific enolase (NSE) antigen	protein
GMP-h-p-tau181-Ab	Anti-human Phospho-tau181 (p-tau181) antibody	antibody(Fc/mFc)
GMP-h-p-tau181-Ag	Human Phospho-tau181 (p-tau181) antigen	protein
GMP-h-p-tau181-antigen	Human Phospho-tau181 (p-tau181) antigen	protein
GMP-h-p-tau202/205-Ab	Anti-human Phospho-tau202 and 205 (p-tau202 and 205) antibody	antibody(Fc/mFc)
GMP-h-p-tau202/205-antigen	Human Phospho-tau202 and 205 (p-tau202 and 205) antigen	protein
GMP-h-p-tau212/214-Ab	Anti-human Phospho-tau212 and 214 (p-tau212 and 214) antibody	antibody(Fc/mFc)
GMP-h-p-tau212/214-antigen	Human Phospho-tau212 and 214 (p-tau212 and 214) antigen	protein
GMP-h-p-tau217-Ab	Anti-human Phospho-tau217 (p-tau217) antibody	antibody(Fc/mFc)

Cat.No	Products Name	Products Type
GMP-h-p-tau217-Ag	Human Phospho-tau217 (p-tau217) antigen	protein
GMP-h-p-tau217-antigen	Human Phospho-tau217 (p-tau217) antigen	protein
GMP-h-p-tau231-Ab	Anti-human Phospho-tau231 (p-tau231) antibody	antibody(Fc/mFc)
GMP-h-p-tau231-Ag	Human Phospho-tau231 (p-tau231) antigen	protein
GMP-h-p-tau231-antigen	Human Phospho-tau231 (p-tau231) antigen	protein
GMP-h-p-tau413-Ab	Anti-human Phospho-tau413 (p-tau413) antibody	antibody(Fc/mFc)
GMP-h-p-tau413-antigen	Human Phospho-tau413 (p-tau413) antigen	protein
GMP-h-p-tau422-Ab	Anti-human Phospho-tau422 (p-tau422) antibody	antibody(Fc/mFc)
GMP-h-p-tau422-antigen	Human Phospho-tau422 (p-tau422) antigen	protein
GMP-h-sTREM2-Ab	Anti-human soluble fragment of triggering receptor expressed on myeloid cells 2 (sTREM2) antibody	antibody(Fc/mFc)
GMP-h-sTREM2-Ag	Human soluble fragment of triggering receptor expressed on myeloid cells 2 (sTREM2) antigen	protein
GMP-h-Tau-Ab	Anti-human tau proteins (Tau) antibody	antibody(Fc/mFc)
GMP-h-Tau-Ag	Human tau proteins (Tau) antigen	protein
GMP-h-VLP-1-Ab	Anti-human Visinin-like protein 1 (VLP-1) antibody	antibody(Fc/mFc)
GMP-h-VLP-1-Ag	Human Visinin-like protein 1 (VLP-1) antigen	protein
GMP-h-YKL-40-Ab	Anti-human Chitinase-3-like protein 1 (CHI3L1/YKL-40) antibody	antibody(Fc/mFc)
GMP-h-YKL-40-Ag	Human Chitinase-3-like protein 1 (CHI3L1/YKL-40) antigen	protein
GMP-h-α-synuclein-Ab	Anti-human Alpha-synuclein (α -synuclein) antibody	antibody(Fc/mFc)
GMP-h-α-synuclein-Ag	Human Alpha-synuclein (α -synuclein) antigen	protein
GMP-SMT-243-Ab	Anti-Tricyclic antidepressants (TCA) antibody	antibody(Fc/mFc)
GMP-SMT-243-Ag	Tricyclic antidepressants (TCA) antigen	chemicals-BSA/OVA

Multiple diseases

Cat.No	Products Name	Products Type
GMP-h-TrxR-Ab	Anti-human thioredoxin reductase (TrxR) antibody	antibody(Fc/mFc)
GMP-h-TrxR-Ag	Human thioredoxin reductase (TrxR) antigen	peptide-(naked/BSA/OVA)
GMP-SMT-223-Ab	Anti-Amphetamines (AMP) antibody	antibody(Fc/mFc)
GMP-SMT-223-Ag	Amphetamines (AMP) antigen	chemicals-BSA/OVA
GMP-SMT-225-Ab	Anti-Buprenorphine (Bup) antibody	antibody(Fc/mFc)
GMP-SMT-225-Ag	Buprenorphine (Bup) antigen	chemicals-BSA/OVA
GMP-SMT-226-Ab	Anti-Benzoditezite (BZO) antibody	antibody(Fc/mFc)
GMP-SMT-226-Ag	Benzoditezite (BZO) antigen	chemicals-BSA/OVA
GMP-SMT-233-Ab	Anti-Synthetic cannabinoid (K2) antibody	antibody(Fc/mFc)
GMP-SMT-233-Ag	Synthetic cannabinoid (K2) antigen	chemicals-BSA/OVA
GMP-SMT-235-Ab	Anti-3,4-Methyl enedioxy methamphetamine (MDMA) antibody	antibody(Fc/mFc)
GMP-SMT-235-Ag	3,4-Methyl enedioxy methamphetamine (MDMA) antigen	chemicals-BSA/OVA

Pain

Cat.No	Products Name	Products Type
GMP-SMT-229-Ab	Anti-Methadone metabolites (EDDP) antibody	antibody(Fc/mFc)
GMP-SMT-229-Ag	Methadone metabolites (EDDP) antigen	chemicals-BSA/OVA
GMP-SMT-230-Ab	Anti-Methadone (MTD) antibody	antibody(Fc/mFc)
GMP-SMT-230-Ag	Methadone (MTD) antigen	chemicals-BSA/OVA
GMP-SMT-232-Ab	Anti-Fentanyl (FEN) antibody	antibody(Fc/mFc)
GMP-SMT-232-Ag	Fentanyl (FEN) antigen	chemicals-BSA/OVA

Cat.No	Products Name	Products Type
GMP-SMT-234-Ab	Anti-Ketamine (KET) antibody	antibody(Fc/mFc)
GMP-SMT-234-Ag	Ketamine (KET) antigen	chemicals-BSA/OVA
GMP-SMT-236-Ab	Anti-Methamphetamine (MET) antibody	antibody(Fc/mFc)
GMP-SMT-236-Ag	Methamphetamine (MET) antigen	chemicals-BSA/OVA
GMP-SMT-237-Ab	Anti-Morphine (MOP) antibody	antibody(Fc/mFc)
GMP-SMT-237-Ag	Morphine (MOP) antigen	chemicals-BSA/OVA
GMP-SMT-238-Ab	Anti-Methaqualone (MQL) antibody	antibody(Fc/mFc)
GMP-SMT-238-Ag	Methaqualone (MQL) antigen	chemicals-BSA/OVA
GMP-SMT-239-Ab	Anti-Opiorphin (OPI) antibody	antibody(Fc/mFc)
GMP-SMT-239-Ag	Opiorphin (OPI) antigen	chemicals-BSA/OVA
GMP-SMT-240-Ab	Anti-Oxycodone (OXY) antibody	antibody(Fc/mFc)
GMP-SMT-240-Ag	Oxycodone (OXY) antigen	chemicals-BSA/OVA
GMP-SMT-241-Ab	Anti-Propoxyphene (PPX) antibody	antibody(Fc/mFc)
GMP-SMT-241-Ag	Propoxyphene (PPX) antigen	chemicals-BSA/OVA
GMP-SMT-242-Ab	Anti-Phencyclidine (PCP) antibody	antibody(Fc/mFc)
GMP-SMT-242-Ag	Phencyclidine (PCP) antigen	chemicals-BSA/OVA
GMP-SMT-243-Ab	Anti-Tricyclic antidepressants (TCA) antibody	antibody(Fc/mFc)
GMP-SMT-243-Ag	Tricyclic antidepressants (TCA) antigen	chemicals-BSA/OVA
GMP-SMT-244-Ab	Anti-Tetrahydrocannabinol (THC) antibody	antibody(Fc/mFc)
GMP-SMT-244-Ag	Tetrahydrocannabinol (THC) antigen	chemicals-BSA/OVA
GMP-SMT-245-Ab	Anti-Tramadol (TRA) antibody	antibody(Fc/mFc)
GMP-SMT-245-Ag	Tramadol (TRA) antigen	chemicals-BSA/OVA

Cat.No	Products Name	Products Type
GMP-SMT-Paracetamol-Ab	Anti-acetaminophen (Paracetamol) antibody	antibody(Fc/mFc)

GMP-SMT-Paracetamol-Ag	acetaminophen (Paracetamol) antigen	chemicals-BSA/OVA
--	-------------------------------------	-------------------

Biology

Cat.No	Products Name	Products Type
GMP-h-SPA-Ab	Anti-human Staphylococcus protein A (SPA) antibody	antibody(Fc/mFc)

GMP-h-SPA-Ag	Human Staphylococcus protein A (SPA) antigen	protein
------------------------------	--	---------

GMP-SMT-SA-Ab	Anti-Streptavidin (SA) antibody	antibody(Fc/mFc)
-------------------------------	---------------------------------	------------------

GMP-SMT-SA-Ag	Streptavidin (SA) antigen	chemicals-BSA/OVA
-------------------------------	---------------------------	-------------------

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
Mycoplasma 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	SVG1	Human	RNA
Sapovirus GII	SVGII	Human	RNA
Sapovirus GIV	SVGIV	Human	RNA
Sapovirus GV	SVGV	Human	RNA
Saccharopolyspora erythraea NRRL 2338	SENRRL2338	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
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

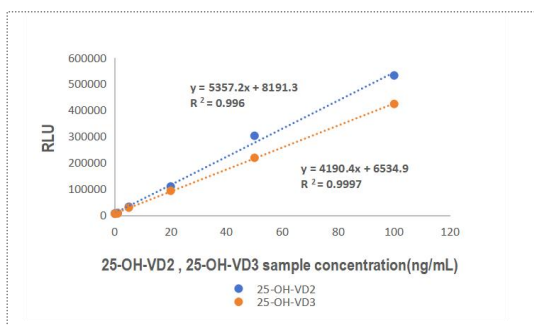
Pseudotype Name	Gene Name	Host	Classification
Influenza B virus	H3N2	Human	RNA
Human metapneumovirus isolate	MPV-B	Human	RNA
Human metapneumovirus isolate	MPV-A	Human	RNA
Human respiratory syncytial virus	MaxL	Human	RNA
Influenza B virus	NS	Human	RNA
Influenza A virus	H1N1	Human	RNA
Human rhinovirus	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

Bone metabolism & osteoporosis Diagnostics

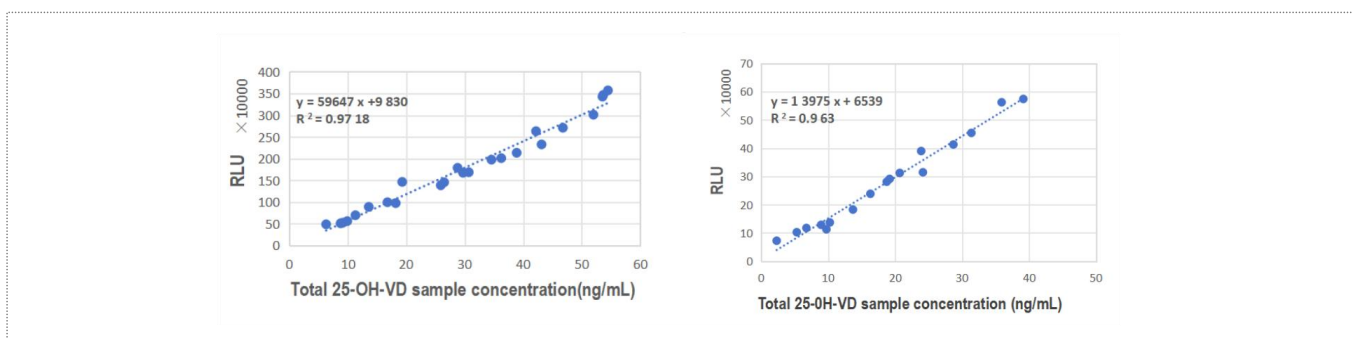
Vitamin D is crucial for overall health, impacting bone, muscle, respiratory, cardiovascular, immune, kidney, and neurological functions. It transforms into its active form, calcitriol, primarily in the liver and kidneys, affecting organs like the intestines and bones through receptors. The main stored form, 25-hydroxyvitamin D, is the most reliable marker for measuring vitamin D levels due to its stability and independence from other factors.

Direct chemiluminescence platform



Genemedi's 25-OH-VD sandwich antibodies (GMP-SMT-25-OH-VD3/2-Ab01 and GMP-SMT-25-OH-VD3/2-Ab02) were validated on the direct chemiluminescence platform. The total amount of 25-OH-VD in the sample may be successfully detected thanks to the good cross-reactivity of 25-OH-VD2 and 25-OH-VD3.

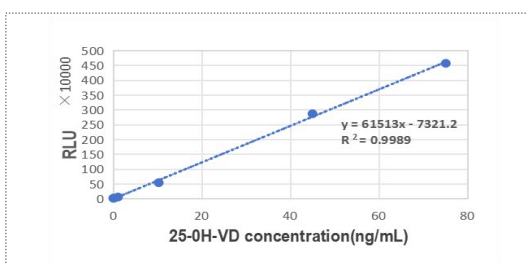
Figure 1. Total 25-OH-VD recognition ability; As can be seen from the figure above, 25-OH-VD2 and 25-OH-VD3 exhibit good cross-reactivity.



The VD sandwich antibody made by Genemedi was validated using a direct chemiluminescence platform with the industry's gold standard LC-MS/MS as a control to increase the accuracy of the 25-OH-VD immunoassay. When compared to the mass spectrometry detection results, these antibodies exhibited excellent consistency, with an R2 of up to 0.9718 and a customer-verified R2 of 0.963.

Figure 2. Self-assessment clinical comparative analysis and Clinical comparative analysis of customer testing; The antibodies showed excellent agreement compared to mass spectrometry detection results, with an R2 as high as 0.9718 and a customer-validated R2 of 0.963. The sandwich approach greatly improves the accuracy of immunoassays.

Direct chemiluminescence platform



The detection concentration range for Genemedi's 25-OH-VD sandwich antibodies (GMP-SMT-25-OH-VD3/2-Ab01 and GMP-SMT-25-OH-VD3/2-Ab02) is 0.1 to 80ng/mL.

Figure 4. Standard curve; As can be seen from the figure above, Genemedi's 25-OH-VD sandwich antibody has a detection concentration range of 0.1 to 80ng/mL.

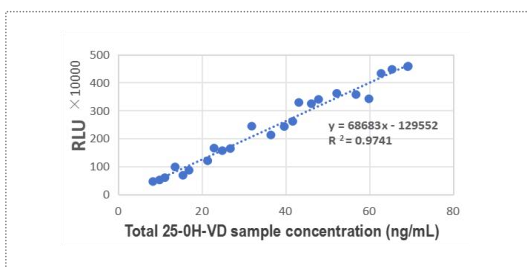


Figure 5. Clinical comparative analysis; As can be seen from the figure above, Detection employing 25-OH-VD sandwich antibodies validated by an enzymatic chemiluminescence platform using an R2 of 0.9741, the data demonstrated strong consistency using mass spectrometry (LC-MS/MS).

Alzheimer's Disease (AD)

Alzheimer's Disease (AD) is a neurodegenerative disorder characterized by the aberrant accumulation of tau protein. Tau protein and beta-amyloid are the two most recommended biomarkers for Alzheimer's disease (AD). Elevated tau levels indicate neurodegeneration, while abnormal beta-amyloid accumulation forms plaques, disrupting cell function. Their measurement is crucial for early AD diagnosis, monitoring disease progression, and assessing treatment efficacy, making them key in AD research and management.

Validation p-tau181/p-tau217/p-tau231 antibody

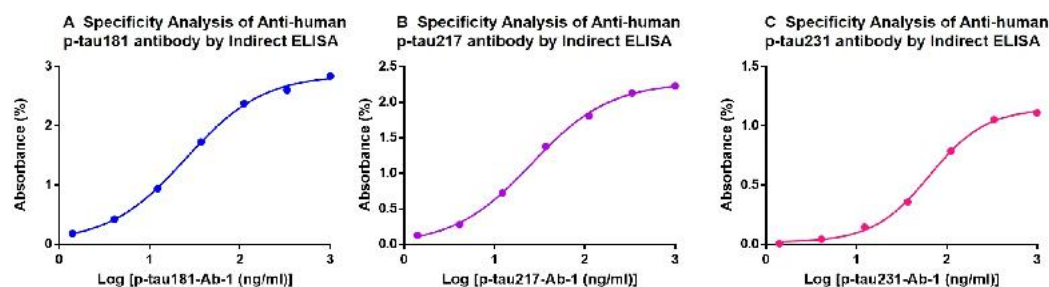


Figure 1. Validation of GeneMedi's Anti-human p-tau181/p-tau217/p-tau231 antibody

- A. GeneMedi's GMP-h-p-tau181-Ab01 (Anti-human p-tau181 antibody) is validated to detect the GMP-h-p-tau181-Ag01 (p-tau181 antigen) in ELISA, EC₅₀ = 25.26ng/ml.
 B. GeneMedi's GMP-h-p-tau217-Ab01 (Anti-human p-tau217 antibody) is validated to detect the GMP-h-p-tau217-Ag01 (p-tau217 antigen) in ELISA, EC₅₀ = 25.85ng/ml.
 C. GeneMedi's GMP-h-p-tau231-Ab01 (Anti-human p-tau231 antibody) is validated to detect the GMP-h-p-tau231-Ag01 (p-tau231 antigen) in ELISA. EC₅₀ = 64.34ng/ml.

Figure 2-3: Validation Aβ40/Aβ42 antibody

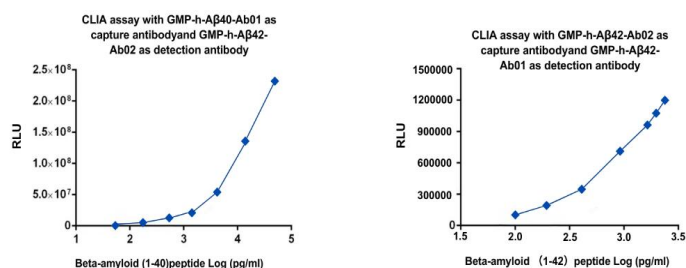


Figure 2. ELISA Validation of GeneMedi's Aβ40/Aβ42 antibody

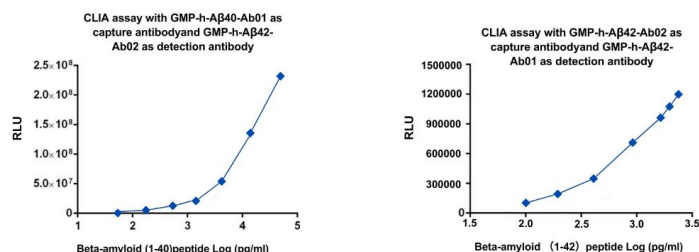


Figure 3. CLIA verification data of GeneMedi's Aβ40/Aβ42 antibody

Indirect ELISA analysis of clone [B], [A] and [A] antibody specificity, [B] and [A] can Recognizes Aβ40, while [A] has no cross-reactivity with Aβ40. Picture indirect ELISA analysis of cloned [B], [A] and [A] antibody specificity. [B] and [A] can recognize Aβ42, while [A] has no cross-reaction with Aβ42.

A: GMP-h-Aβ42-Ab01
 B: GMP-h-Aβ42-Ab02

The high-performance Aβ40 and Aβ42 antibody raw materials developed by GeneMedi have the advantages of good specificity and high sensitivity, and are the preferred raw materials for the development of in vitro diagnostics reagents for Alzheimer's disease.

Beta-amyloid(1-42) antibodies (GMP-h-A β 42-Ab02 and GMP-h-A β 42-Ab01) established a standard curve by chemiluminescence method, and the detection range of A β 42 was 100-1700 pg/mL.