



IVD Product Catalogue

Reagents for Immunodiagnostic Assay Development

2020

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COVID-19 (SARS-CoV-2) Markers

Antigens

Product Name	Catalog #	Features	Recommended Usage	Applications Tested
☆ COVID-19 Nucleocapsid (N) Ag	AGCOV001	Recombinant E.coli	Ag, Detection	
☆ COVID-19 S1 RDB Ag	AGRBDCH1	Recombinant HEK293 Cell	Ag, Detection	
☆ COVID-19 S1 RDB Ag	AGRBDRH1	Recombinant HEK293 Cell	Ag, Detection	Colloidal Gold LF, ELISA
NEW COVID-19 Spike S1 Ag	AGCOVSJ2	Recombinant HEK293 Cell	Ag, Detection	
COVID-19 Spike S1 Ag	AGCOVS11	Recombinant HEK293 Cell	Ag, Detection	

Antibodies

Monoclonal antibodies

Product Name	Catalog #	Recommended Usage	Applications Tested
☆ Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV011	Coating NEW	
☆ Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV012	Coating NEW	LF, ELISA
☆ Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV021	Labeling NEW	
Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV010	Coating	ELISA, LF
Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV020	Labeling	

Product Name	Catalog #	Recommended Usage	Applications Tested
Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV2C7	Coating	TRFIA, LF, FIA (Fluorescent Immunoassays)
Anti-SARS-CoV-2 Nucleocapsid mAb	ABCOV5D3	Labeling	
Humanized Anti-SARS-CoV-2 Spike RBD mAb	ABCOV120	Labeling	LF, ELISA
Anti-SARS-CoV-2 Spike RBD Monoclonal Nanobody	ABCOV110	Coating	Recommended Pairs: ABCOV120- NBCOV012 ABCOV120- NBCOV011 ABCOV120- ABCOV110
Anti - SARS-CoV-2 Spike RBD mAb	NBCOV012	Coating	
Anti - SARS-CoV-2 Spike RBD mAb	NBCOV011	Coating	
Anti - SARS-CoV-2 Spike RBD mAb	ABCOV014	Coating	LF, ELISA
Anti - SARS-CoV-2 Spike RBD mAb	ABCOV013	Coating	Recommended Pairs: ABCOV022-ABCOV014 ABCOV022-ABCOV013
Anti - SARS-CoV-2 Spike RBD mAb	ABCOV022	Labeling	

Infectious Diseases

Antibodies

Mouse monoclonal antibodies

Product Name	Catalog #	Recommended Usage	Applications Tested
HIV p24 mAb	AGP24901	Capture (coating)	ELISA
HIV p24 HRP	HRPP24902	Detection (labeling)	
☆ HCV Core mAb	ABHCV201	Capture	ELISA
☆ HCV Core HRP	HRPHCV202	Detection	
☆ HCV Core AP	APHCV202	Detection	CLIA
HCV Core AE	AEHCV202		
☆ HBsAg mAb	ABHBS701	Capture	Colloidal Gold LF
☆ HBsAg mAb	ABHBS702	Detection	
Influenza A mAb	ABFLUA01	Capture	Colloidal Gold LF
	ABFLUA02	Detection	
Influenza B mAb	ABFLUB01	Capture	Colloidal Gold LF
	ABFLUB02	Detection	

Antigens

Recombinant Antigens, E.coli

Product Name	Catalog #	Features	Recommended Usage	Applications Tested
HIV-1 Ag	AGHIV102	GP41	Capture	Colloidal gold LF
HIV-2 Ag	AGHIV104	GP36	Capture	
HIV-1/2 Ag	AGHIV105	GP41+GP36	Detection	
HIV-1 Ag	AGHIVE11	GP41	Capture	ELISA
HIV-1 HRP	AGHIVE12	GP41	Detection	
HIV-2 Ag	AGHIVE21	GP36	Capture	
HIV-2 HRP	AGHIVE22	GP36	Detection	
☆ HCV Ag	AGHCVE01		Capture	ELISA
☆ HCV Ag Biotin	AGHCVE23	Core/NS3/NS4	Detection	
☆ HCV Ag HRP	AGHCVE02		Detection	
☆ SA-HRP	SA01H		Detection	
HCV Ag	AGHCVR01	Core/NS3/NS4	Capture	Colloidal Gold LF
HCV Ag	AGHCVR02		Detection	
HCV Coupling mAb	ABACVR12	To AGHCVR02	Coupling Ab	
Syphilis Ag	AGTP001		Capture	Colloidal Gold LF
	AGTP002	TP15/TP17/	Detection	Recommended pairs:
	AGTP003	TP47	Capture	003(D) – 001(C) 001 (D) – 001(C)

Hormone Markers

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications Tested
α -HCG mAb	ABHCG602	Mouse IgG	Detection	
β -HCG mAb	ABHCG601	Mouse IgG	Capture	Colloidal Gold LF
β -HCG mAb	ABHCG603	Mouse IgG	Capture	
AMH mAb	ABAMH801	Mouse IgG	Capture	CLIA
AMH mAb	ABAMH804	Mouse IgG	Detection	
HCG mAb	ABHCG103		Capture	Colloidal Gold LF
	ABHCG107		Detection	
LH mAb	ABLH110		Capture	Colloidal Gold LF
	ABLH120		Detection	

Cardiac Markers

Mouse monoclonal antibodies


Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
CTNI mAb	ABCTNI801	40-50	Detection	CLIA/TRFICA/ Colloidal Gold LF
	ABCTNI802	80-90	Capture	
	ABCTNI803	24-40	Capture	Recommended pairs: 801(D) – 803(C) 803(D) – 801(C) 802(D) – 801(C)
	ABCTNI804	Humanized mouse mAb	Detection	
Myoglobin mAb	ABMYO801	Mouse IgG	Capture	TRFICA / CLIA
Myoglobin mAb	ABMYO803		Detection	
CK-MB mAb	ABCKMB801	Mouse IgG	Detection	CLIA / TRFICA/ Turbidimetry
CK-MB mAb	ABCKMB802		Capture	
D-dimer mAb	ABDD2T19	Mouse Source	Detection	Turbidimetry
☆ D-dimer mAb	ABDD2801	Mouse IgG	Capture	Colloidal Gold LF
☆ D-dimer mAb	ABDD2802		Detection	TRFICA/CLIA/

Diabetes Markers

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
☆ HbA1c mAb	ABA1C803	Mouse mAb	Capture	TRFICA
☆ HbA1c mAb	ABA1C801		Detection	
☆ HbA1c mAb	ABA1CT02	Mouse IgG	Detection	Turbidimetry

Inflammation Markers

Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
SAA mAb	ABSAA001	Mouse IgG	Capture	TRFICA/CLIA
SAA mAb	ABSAA002		Detection	
PCT mAb	ABPCT801	Mouse IgG	Detection	TRFICA/CLIA
PCT mAb	ABPCT802		Capture	
★ CRP mAb	ABCRP001	Alpaca  recombinant VHH, mAb	Capture	TRFICA/CLIA / Colloidal Gold LF
★ CRP mAb	ABCRP002		Detection	
★ CRP mAb	ABCRP003		Detection	

Tumor Markers

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
AFP mAb	ABAFP801	Mouse IgG	Capture	CLIA
AFP mAb	ABAFP802		Detection	
CEA mAb	ABCEA801	Mouse IgG	Capture	CLIA
CEA mAb	ABCEA802		Detection	
fPSA mAb	ABPSA211	Mouse IgG	Capture	CLIA
fPSA mAb	ABPSA212		Detection	

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
PSA mAb	ABPSA201	Mouse IgG	Detection & Capture	CLIA
PSA mAb	ABPSA202		Detection & Capture	
☆ CA153 mAb	ABCA3201	Mouse IgG	Capture	CLIA
☆ CA153 mAb	ABCA3202		Detection	

Gastrointestinal Disease

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
☆ PG1 mAb	ABPG1201	Mouse IgG	Capture	TRFICA/CLIA
☆ PG1 mAb	ABPG1202		Detection	
PGII mAb	ABPG2801	Mouse IgG	Capture	TRFICA/CLIA
PGII mAb	ABPG2802		Detection	
FOB mAb	ABFOB001	Mouse	Capture	TRFICA
FOB mAb	ABFOB002		Detection	

Tropical Diseases

Antibodies

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
Dengue NS1 mAb	ABNS1104	NS4	Detection	Colloidal Gold LF
Dengue NS1 mAb	ABNS1103	NS1/NS2/NS3	Detection	
Dengue NS1 mAb	ABNS1101	NS1/NS2/NS3	Capture	
Dengue NS1 mAb	ABNS1102	NS4	Capture	
MA HRPII mAb	ABHRP102	Mouse IgG	Detection	
MA HRPII mAb	ABHRP101		Capture	
MA Pv-pLDH mAb	ABPV102	Mouse IgA	Detection	
MA Pv-pLDH mAb	ABPV101	Mouse IgG	Capture	

Antigens

Recombinant Antigen, E.coli

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
Dengue Antigen	AGDN001	Type I	Detection	Colloidal Gold
Dengue Antigen	AGDN021	Type I/II	Detection	LF

Blockers

Product Name	Catalog #	Features	Recommended Usage	Applications Tested
HAMA blocker	HBR001	Mouse Source	SP treated	Colloidal Gold LF
HAMA blocker	HBR002	Mouse Source	SP treated	Colloidal Gold LF

Others

Product Name	Catalog #	Features	Recommended Usage	Applications Tested/Suitable
Alpaca Anti-Mouse IgG	ABAAM001		Capture	
Alpaca Anti-Rabbit IgG	ABAAR001	Alpaca recombinant VHH, secondary antibody, mAb NEW	Capture	TRFICA / Colloidal Gold LF
★ Alpaca Anti-Human IgG	ABAAHG01		Capture	
★ Alpaca Anti-Human IgM	ABAAHM01		Capture	
Goat anti mouse IgG	ABGAM701	Mouse IgG	Capture	
Mouse Anti-human IgG	ABMAHBG1	Mouse IgG	Capture	
Mouse Anti-human IgM	ABMAHMJ1	Mouse IgG	Capture	Colloidal Gold LF
IGFBP-1	ABFBP401	Mouse IgG	Capture	
IGFBP-1	ABFBP402	Mouse IgG	Detection	

Calibrators

Product Name	Catalog #	Description	Recommended Application
CRP	CLBCRP		
SAA	CLBSAA		
☆ PCT	CLBPCT		
MYO	CLBMYO	Recombinant Ag	
hFABP	CLBABP		
☆ NT-proBNP	CLBNTP		TRFICA/CLIA
PRL	CLBPRL		
FDP	CLBFDP		
D Dimer	CLBDD2	Natural Ag	
CRP	CACRP001		

Services

If you are looking for a Solution and do not find what you need in our Catalog, please contact us!

OEM service

All products listed in our catalog are available for private labeling and OEM. AIVD cutting-edge manufacturing facility houses fully equipped R&D, production and quality control laboratories.

Our team of dedicated scientists works closely with every OEM partner to provide highly customized solutions and define the ideal manufacturing specifications to meet every partner's unique needs.

We offer a board range of custom solutions, which include custom assay & product development, small to large scale production, **bulk and uncut sheets supply** of catalogue and custom-made reagents, packaging and technical support.

Core-Capabilities

Our core capabilities include but not limited to **Custom Development, Production and Contract Manufacturing** of:

- Recombinant Antigens,
- Mouse Antibodies,
- Alpaca Single Domain antibodies (Nanobodies),
- Antigen / Antibody Selection and Pairing
- Antigen / Antibody Conjugation and Labeling
- Various PCR Enzymes and Regents,
- Buffer Formulations

From early stage development to manufacturing and delivery, all our processes are strictly controlled to ensure the highest quality of our products.

Customization & New Product Development

Our complete portfolio of reagents can be customized. Moreover AIVD could develop and manufacture a Customized Solution or Assay specifically for your project needs.

We could adapt the formulation, documentation or size of our catalogue products or **create a new solution** to accommodate your unique needs.

Custom options for Immunodiagnostic reagents include solutions for following platforms:

- Chemiluminescent Immunoassay
- ELISA
- Time-Resolved Fluorescent Immunochromatography (TRFICA)
- Fluorescence Immunochromatography
- Colloidal gold-based Lateral Flow
- Fluorescent microspheres Lateral flow
- Quantum Dot-Based Lateral Flow

AIVD offers Antibody / Antigen Conjugation and Labeling Services for the following labels:

- Horseradish Peroxidase (HRP)
- Alkaline Phosphatase (ALP)
- Acridinium Ester
- Biotin
- Colloidal Gold Nanoparticle
- Quantum Dot
- Fluorescent microspheres
- Fluorescent labels etc.

Assay development services:

- Assay design
- Prototype testing
- Assay feasibility and optimization
- Assay validation
- Stability studies

- Technical file construction
- Assay manufacturing

Out-Licensing and Technical Transfer

Looking forward to expand your product portfolio and save time, money and resources on research and development and minimize lot-to-lot assay variation? AIVD technologies are available for out-licensing and full or partial technical transfer, including our comprehensive tool kit that includes many different integrated product solutions, such as molecular biology workflows, protein expression and conjugation technologies, product formulation, manufacturing technologies and etc.

Technical Solutions and Support

We offer a board range of technical solutions, including consultations and technical support to help make design and formulation decisions, scientific expertise that matches your requirements.

Core Technical Solutions:

- Selection of raw materials
- Production process optimization
- Conjugation process optimization
- Workflow development
- Workflow troubleshooting
- Personnel training

For requests or inquiries on our products and services for immunodiagnostic assay development, please email: sales@aivdbiotech.com



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