



IVD Product Catalogue

Reagents for Immunodiagnostic Assay Development

2022

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COVID-19 (SARS-CoV-2) Antigens

Product Name	Catalog #	Features	Recommended Usage	Applications
COVID-19 Nucleocapsid (NP) Antigen	AGCOV001	E.coli	Detection	Colloidal Gold LF / ELISA/CLIA
COVID-19 NP-HRP Ag	AGCOV122	E.coli	Detection	ELISA
COVID-19 RBD Antigen	AGRBDCH1	HEK293	Detection	Colloidal Gold LF / ELISA/CLIA
COVID-19 RBD Antigen	AGRBDRH1	HEK293	Detection	
Human ACE2 Antigen	PRACE001	HEK293	Capture, pair with AGRBDRH1	Colloidal Gold LF / ELISA/CLIA
HumanACE2-hFc Antigen	PRACE002	HEK293	Capture, pair with AGRBDRH1	
COVID-19 RBD-mFc Antigen	AGRBDCH2	HEK293	Capture	Colloidal Gold LF/ ELISA
COVID-19 RBD Antigen-HRP	AGCOV121	HEK293	Detection	ELISA
COVID-19 S1 Antigen	AGCOVS01	HEK293	Detection	Colloidal Gold LF / ELISA/CLIA
COVID-19 S1 Antigen (high purity)	AGCOVSJ2	HEK293		Colloidal Gold LF / ELISA/CLIA/ Immunogen

COVID-19 (SARS-CoV-2) Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
COVID-19 N mAb	ABCOV017	Mouse	Detection	Lateral Flow: Pairs: ABCOV042--ABCOV017 ABCOV025--ABCOV017
	ABCOV042		Capture	
	ABCOV025		Capture	
COVID-19 S RBD mAb	ABCOV015	Mouse	Capture	Colloidal Gold LF
	ABCOV023	Mouse	Detection	
COVID-19 N mAb	ABCOVN01	Mouse	Detection	Colloidal Gold LF / ELISA
	ABCOVN02	Mouse	Capture	
COVID-19 S RBD IgG Humanized mAb	CTCOV001	HEK293	Calibrator	Colloidal Gold LF / ELISA
COVID-19 Neutralizing mAb	CTCOV003	Mouse	Calibrator	Colloidal Gold LF / ELISA

COVID-19 (SARS-CoV-2) Heat Inactivated Virus Culture Fluid

Product Name	Catalog #	Virus information	Applications
COVID-19 (Native)Virus culture (Wuhan Strain)	QCCOV01	Calibrator	
COVID-19 (Native)Virus culture (Beijing Strain)	QCCOV02	Calibrator	POCT
COVID-19 (Native)	QCCOV03	Calibrator	
	QCCOV04	Calibrator	

Influenza

Mouse monoclonal antibodies

Product Name	Catalog #	Recommended Usage	Applications
Influenza A mAb	ABFLUA01	Capture	CG lateral flow
	ABFLUA02	Detection	
Influenza B mAb	ABFLUB01	Capture	CG lateral flow
	ABFLUB02	Detection	

***Positive controls for Influenza A/B available on request**

Infectious Diseases

Antigens

Recombinant Antigens, E.coli

Product Name	Catalog #	Features	Recommended Usage	Applications
HIV II Antigen	AGHIV024	GP36	Coating	Colloidal Gold
	AGHIV026	GP36	Detection	Lateral flow/ CLIA
HIV II Antigen-HRP	AGHIVE22	GP36	Detection	ELISA
HIV II Antigen	AGHIV021	GP36	Coating	
HIV I Antigen	AGHIV031	GP41	Coating	Colloidal Gold
	AGHIV032	GP41	Detection	Lateral flow/ CLIA
HIV I Antigen-HRP	AGHIVE12	GP41	Detection	ELISA
HIV I Antigen	AGHIV011	GP41	Coating	
HCV Antigen	AGHCV011	Core/NS3/NS4	Capture	ELISA
HCV Ag Biotin	AGHCV021		Detection	
SA-HRP	SA01H		Detection	
HCV Antigen	AGHCVR01	Core/NS3	Capture	
HCV Antigen	AGHCVR02	Core/NS3/NS4	Detection	Colloidal Gold LF
HCV Coupling mAb	ABHCVR12	To AGHCVR02	Coupling Ab	
Syphilis TP Ag	AGTP003		Capture	Colloidal Gold LF
	AGTP006		Detection	

Antibodies

Mouse monoclonal antibodies

Product Name	Catalog #	Recommended Usage	Applications
HCV Core mAb	ABHCV201	Capture	ELISA / CLIA
	ABHCV202	Detection	ABHCV001--ABHCV202
	ABHCV001	Capture	ABHCV201--ABHCV202
HCV Core mAb-HRP	HRPHCV202	Detection	ELISA ABHCV201--HRPHCV202
HBsAg mAb	ABHBS701	Capture	Colloidal Gold LF
	ABHBS702	Detection	

Hormone Markers

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
AMH mAb	ABAMH801	Mouse IgG	Capture	Lateral Flow/CLIA
	ABAMH802	Mouse IgG	Detection	
HCG mAb	ABHCGK01	Mouse IgG	Capture	Colloidal Gold Lateral Flow /ELISA
	ABHCGK02	Mouse IgG	Detection	ABHCGK01(α)- ABHCGK02(β)
LH mAb	ABLHW01	Mouse IgG	Capture	Lateral Flow/ELISA
	ABLHW01	Mouse IgG	Detection	

Cardiac Markers

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
CTNI mAb	ABCTNI004	HEK293	Detection	CLIA/ FIA Recommended pairs: ABCTNI004-ABCTNI005+ABCTNI006 r ABCTNI005+ABCTNI006-ABCTNI004
	ABCTNI005		Capture	
	ABCTNI006		Capture	
Myoglobin mAb	ABMYO801	Mouse IgG	Capture	FIA/ CLIA
	ABMYO803		Detection	
CK-MB mAb	ABCKMB801	Mouse IgG	Detection	CLIA/ FIA/ CG lateral flow
	ABCKMB802		Capture	
D-dimer mAb	ABDD2801	Mouse IgG	Capture	CLIA/ FIA/ CG lateral flow
	ABDD2802		Detection	
D-dimer mAb	ABDD2T19		Detection	Turbidity ABDD2801--ABDD2T19
NT-proBNP mAb	ABNTP801	Rabbit	Capture	CLIA/ FIA
	ABNTP501	Goat	Detection	
BNP mAb	ABBNP201	Mouse	Capture	CLIA/Latex bead LF
	ABBNP202		Detection	

Diabetes Markers

Product Name	Catalog #	Features	Recommended Usage	Applications
HbA1c mAb	ABA1C803	Mouse	Capture	FIA/ Colloidal
	ABA1C801		Detection	Gold LF ABA1C803--ABHEM801 ABHEM801--ABA1C801
HbA1c mAb	ABA1CT01	Mouse	Detection	Turbidity
Hemoglobin mAb	ABHEM801	Mouse	Capture/ Detection	Colloidal Gold Lateral flow
Insulin mAb	ABINS201	Mouse	Capture	Colloidal Gold
	ABINS202		Detection	LF/CLIA/Latex bead LF
IGFBP-I mAb	ABIGF201	Mouse	Capture	Colloidal Gold LF
	ABIGF202		Detection	/CLIA

Inflammation Markers

Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
SAA mAb	ABSAA801	Mouse IgG	Capture	ELISA/CLIA / FIA/
	ABSAA002		Detection	CG lateral flow
PCT mAb	ABPCTTK01	Mouse IgG	Capture	CLIA/ FIA/ CG
	ABPCTTK02		Detection	lateral flow
CRP mAb	ABCRP001	Alpaca recombinant VHH, Ecoli	Capture	FIA
	ABCRP002		Detection	
	ABCRP003		Detection	
IL-6 mAb	ABIL6N04	Mouse	Capture	FIA/ CG lateral
	ABIL6N07		Detection	flow / CLIA
IL-6 mAb	ABIL6N06	Mouse	Capture	FIA/ CG lateral
	ABIL6B02		Detection	flow / CLIA
Calprotectin mAb	ABCAL201	Mouse	Capture	FIA/ CG lateral
	ABCAL202		Detection	flow / Latex

Tumor Markers

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
AFP mAb	ABAFP701	Mouse	Capture	ELISA/CLIA / Lateral Flow
	ABAFP702	IgG	Detection	
CEA mAb	ABCEA701	Mouse	Capture	ELISA/CLIA/ Lateral Flow
	ABCEA702	IgG	Detection	
fPSA mAb	ABPSA211	Mouse	Capture	CLIA
	ABPSA212	IgG	Detection	
Total PSA mAb	ABPSA201	Mouse	Capture	CLIA
	ABPSA202	IgG	Detection	
CA153 mAb	ABCA3201	Mouse IgG	Capture	CLIA
	ABCA3202		Detection	
	ABCA3203		Capture /Detection	
CA125 mAb	ABCA5201	Mouse	Capture	CLIA
	ABCA5202	IgG	Detection	
CA19-9 mAb	ABCA9202	Mouse IgG	Capture/ Detection	CLIA
CA724 mAb	ABCA7N01	CHO	Detection	ELISA/CLIA
	ABCA7N02		Capture	ABCA7N02--ABCA7N01
	ABCA7N03		Capture	ABCA7N03--ABCA7N01
KL-6 mAb	ABKL6201	Mouse	Capture	CLIA/Latex
	ABKL6202	IgG	Detection	
DCP mAb:	ABDCP201	Mouse	Capture	FIA/ CG lateral flow

Anti PIVKA-II mAb	ABDCP202		Detection	/CLIA
Anti-Pepsinogen I mAb	ABPGI201	Mouse	Capture	Lateral Flow/CLIA/Latex Pairs: ABPGI201--ABPGI202 ABPGII201--ABPGII202
	ABPGI202		Detection	
	ABPGI001	HEK293	Capture	
Anti-Pepsinogen II mAb	ABPGII201	Mouse	Capture	FIA/ CG lateral flow /CLIA
	ABPGII202		Detection	
DCP mAb:	ABDCP201	Mouse	Capture	FIA/ CG lateral flow /CLIA
Anti PIVKA-II mAb	ABDCP202		Detection	

Gastrointestinal Disease

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
Anti Helicobacter pylory (HP) mAb	ABHPJ01	Mouse	Capture	Colloidal gold LF /FIA /CLIA
	ABHPJ02		Detection	
FOB mAb	ABFOBM01	Mouse	Capture	Colloidal Gold LF
	ABFOBM02		Detection	

Tropical Diseases

Antibodies

Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
Dengue NS1 mAb	ABNS1N01	Type 1-3 NS1	Capture	
	ABNS1N02	Type 1-3 NS1	Detection	Colloidal gold
	ABNS1N03	Type 4 NS1	Capture	Lateral flow
	ABNS1N04	Type 4 NS1	Detection	
Malaria	ABHRPK01	Mouse	Capture	Colloidal gold
MA HRPII mAb	ABHRPK02	Mouse	Detection	Lateral flow
Malaria	ABPVK03	Mouse	Capture	Colloidal gold
MA Pv mAb	ABPVK04	Mouse	Detection	Lateral flow
Malaria	ABPFK03	Mouse	Capture	Colloidal gold
MA Pf mAb	ABPFK04	Mouse	Detection	Lateral flow
Malaria	ABPANK01	Mouse	Capture	Colloidal gold
MA PAN mAb	ABPANK02	Mouse	Detection	Lateral flow

Kidney Diseases

Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
B2microglobulin mAb	ABB2M201	Mouse	Capture	CLIA/Latex bead LF/ FIA
	ABB2M202		Detection	
Cystatin C mAb	ABCYSC201	Mouse	Capture	Colloidal gold LF /CLIA/ FIA
	ABCYSC202		Detection	
NGAL mAb	ABNGAL801	Mouse	Capture	Colloidal gold LF /Latex/CLIA/FIA
	ABNGAL802		Detection	
Retinol-binding protein RBP mAb	ABRBP201	Mouse	Capture	Colloidal gold LF /Latex/ CLIA/FIA
	ABRBP202		Detection	

Thyroid Markers

Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
TSH mAb	ABTSH201	Mouse	Capture	CLIA/Colloidal Gold Lateral flow
	ABTSH202		Detection	
Thyroglobulin mAb	ABTG201	Mouse	Capture	CLIA
	ABTG202		Detection	
Thyroxine Binding Globulin (TBG) mAb	ABTBG201	Mouse	Capture	CLIA
	ABTBG202		Detection	

Coagulation & Thrombosis Markers

Product Name	Catalog #	Features	Recommended Usage	Applications
Anti-FDP mAb	ABFDPN02	Mouse	Capture	ELISA/Latex
	ABFDPN03		Detection	
FDP Native Protein	CLBFDP	Native	Calibrator	
Anti-TM mAb	ABTM001	HEK293	Capture	CLIA/ELISA
	ABTM002		Detection	
Anti t-PA mAb	ABPAIC001	HEK293	Capture	CLIA/ELISA
Anti PAI mAb	ABPAIC002		Detection	
Anti-PIC mAb	ABPIC001	HEK293	Capture	CLIA/ELISA
	ABPIC002		Detection	

Anemia Markers

Product Name	Catalog #	Features	Recommended Usage	Applications
Ferritin mAb	ABFER201	Mouse	Capture	CLIA/Latex bead LF
	ABFER202		Detection	
Transferrin mAb	ABTF201	Mouse	Capture	CLIA
	ABTF202		Detection	
Transferrin receptor mAb	ABTFR201	Mouse	Capture	CLIA
	ABTFR202		Detection	

Neuropathic disease

Product Name	Catalog #	Features	Recommended Usage	Applications
S100 β mAb	ABS100B01	Mouse	Capture	CLIA/Latex bead LF
	ABS100B02		Detection	

Alzheimer's disease

Product Name	Catalog #	Features	Recommended Usage	Applications
Anti A β 1-42 mAb	AB β 42001	HEK293	Capture	CLIA/ELISA
	AB β 42002		Detection	

Blockers & Anti-human RBC mAb

Product Name	Catalog #	Features	Recommended Usage	Applications
Anti-human RBC mAb	ABRBC002	Mouse	Sample pad	Lateral Flow
HAMA blocker	ABZDJ004	Mouse Source	Sample pad	Lateral Flow, ELISA, CLIA
HAMA blocker	ABZDJ004	Mouse Source	Sample pad	Lateral Flow, ELISA, CLIA

Primary antibody & Secondary antibody

Primary Antibodies

Product Name	Catalog #	Features	Applications
Rabbit IgG	ABRBIGG	Rabbit	Lateral flow
Chicken IgY	CHABY01	Chicken	Lateral flow

Secondary Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
Goat anti mouse IgG	ABGAMG	Goat	Capture	Colloidal Gold LF
Goat anti Rabbit IgG	ABGARG	Goat	Capture	
Rabbit anti Chicken IgY	GCABY02	Rabbit	Capture	
Mouse Anti-human IgG	ABMAHBG1	Mouse IgG	Capture	

Mouse Anti-human IgM	ABAGM701	Mouse	Capture	Colloidal Gold LF
Alpaca Anti-human IgM	ABAAHM01	E.coli	Capture	Colloidal Gold LF / ELISA/CLIA

Others

Product Name	Catalog #	Features	Recommended Usage	Applications
MMP-3 mAb	ABMMP201	Mouse	Capture	Colloidal Gold LF /CLIA/Latex bead LF
	ABMMP202		Detection	
MPO (Myeloperoxidase) mAb	ABMPO201	Mouse	Capture/ Detection	CLIA/Latex bead LF
	ABMPO202		Capture/ Detection	
Albumin mAb	ABALB201	Mouse	Capture	CLIA/Latex bead LF
	ABALB202		Detection	
Leptin mAb	ABLEP201	Mouse	Capture	CLIA
	ABLEP202		Detection	
Calprotectin mAb	ABCAL201	Mouse	Capture	CLIA
	ABCAL202		Detection	
Elastase -1 mAb	ABELA201	Mouse	Capture	CLIA
	ABELA202		Detection	
	ABRBP202		Detection	
IgE mAb	ABIGE201	Mouse	Capture	Colloidal Gold LF /CLIA /FIA
	ABIGE202		Detection	

Calibrators

Product Name	Catalog #	Description	Recommended Application
CRP	CLBCRP		
SAA	CLBSAA		
PCT	CLBPCT		
MYO	CLBMYO	Recombinant Ag	Lateral flow, CLIA
IL-6	CLBIL6		
hFABP	CLBABP		
NT-proBNP	CLBNTP		
FDP	CLBFDP		
D Dimer	CLBDD2	Native Ag	
CRP	CLBCRP		

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 / AntibodyConjugation 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. MoreoverAIVD 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 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