



# IVD Product Catalogue

Reagents for Immunodiagnostic Assay Development

**2021**

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## COVID-19 (SARS-CoV-2) Antigens

Product Name	Catalog #	Features	Recommended Usage	Applications
<b>COVID-19 N Antigen</b>	AGCOV001	E.coli	Detection	Colloidal Gold LF / ELISA/CLIA
<b>COVID-19 Np Antigen-HRP</b>	AGCOV122	E.coli	Detection	ELISA
<b>COVID-19 RDB Antigen</b>	AGRBDCH1	293Cell	Detection	Colloidal Gold LF / ELISA/CLIA
<b>COVID-19 RDB Antigen</b>	AGRBDRH1	293Cell	Detection	Colloidal Gold LF / ELISA/CLIA
<b>Human ACE2 Antigen</b>	PRACE001	293 cell	Capture	Colloidal Gold LF / ELISA/CLIA
<b>Human ACE2-hFc Antigen</b>	PRACE002	293 cell	Capture	Colloidal Gold LF / ELISA/CLIA
<b>COVID-19 RBD-mFc Antigen</b>	AGRBDCH2	293Cell	Capture	Colloidal Gold LF / ELISA
<b>COVID-19 RBD Antigen-HRP</b>	AGCOV121	293Cell	Detection	ELISA
<b>COVID-19 S1 Antigen</b>	AGCOVS01	293Cell	Detection	Colloidal Gold LF / ELISA/CLIA
<b>COVID-19 S1 Antigen (high purity)</b>	AGCOVSJ2	293Cell	Detection	Colloidal Gold LF / ELISA/CLIA

## COVID-19 (SARS-CoV-2) Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
COVID-19 N mAb	<u>ABCOV017</u>	Mouse	Capture	Colloidal Gold LF
	<u>ABCOV027</u>		Detection	
	ABCOV025		Detection	
COVID-19 S RBD mAb	ABCOV015	Mouse	Capture	Colloidal Gold LF
	ABCOV023	Mouse	Detection	Colloidal Gold LF
COVID-19 N mAb	ABCOVN01	Mouse	Detection	Colloidal Gold LF / ELISA
	ABCOVN02	Mouse	Capture	Colloidal Gold LF / ELISA
COVID-19 S RBD IgG Humanized mAb	CTCOV001	293 Cell	Calibrators	Colloidal Gold LF / ELISA
COVID-19 Neutralizing mAb	CTCOV002	Mouse	Calibrators	Colloidal Gold LF / ELISA
COVID-19 Neutralizing mAb	CTCOV003	Mouse	Calibrators	Colloidal Gold LF / ELISA

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

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

## Infectious Diseases

### Antibodies

#### Mouse monoclonal antibodies

Product Name	Catalog #	Recommended Usage	Applications
HIV p24 mAb	AGP24901	Capture	ELISA
HIV p24 HRP	HRPP24902	Detection	
HCV Core mAb	ABHCV201	Capture	ELISA / CLIA
	ABHCV202	Detection	
	ABHCV001	Capture	
HCV Core mAb-HRP	HRPHCV202	Detection	ELISA ABHCV201--HRPHCV202
HCV Core mAb-AP	APHCV202	Detection	ELISA ABHCV201--APHCV202
HCV Core mAb-AE	AEHCV202	Detection	ELISA ABHCV201--AEHCV202
HBsAg mAb	ABHBS701	Capture	Colloidal Gold LF
	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
HIV II Antigen	AGHIV021	GP36	Capture	ELISA/CLIA / Colloidal Gold LF
	AGHIV022	GP36	Detection	
	AGHIV024	GP36	Capture	ELISA/CLIA/ Colloidal Gold LF AGHIV024--AGHIV022
	AGHIV025	GP36	Capture	ELISA/CLIA/ Colloidal Gold LF AGHIV025--AGHIV022
HIV II Antigen-HRP	AGHIVE22	GP36	Detection	ELISA AGHIV021—AGHIVE22
HIV I Antigen	AGHIV011	GP41	Capture	ELISA/CLIA / Colloidal Gold LF
	AGHIV012	GP41	Detection	ELISA/CLIA / Colloidal Gold LF
HIV I Antigen-HRP	AGHIVE12	GP41	Detection	ELISA AGHIV011--AGHIVE12
HCV Antigen	AGHCV011		Capture	
HCV Ag Biotin	AGHCV021	Core/NS3/NS4	Detection	ELISA
HCV Ag HRP	AGHCVE02		Detection	
SA-HRP	SA01H		Detection	
HCV Antigen	AGHCVR01	Core/NS3	Capture	
	AGHCVR02	Core/NS3/NS4	Detection	Colloidal Gold LF
HCV Coupling mAb	ABACVR12	To AGHCVR02	Coupling Ab	
Syphilis Ag	AGTP001	TP15/TP17/	Capture	Colloidal Gold LF Recommended pairs: 003(D) – 001(C) 001 (D) – 001(C)
	AGTP002		Detection	
	AGTP003	TP47	Capture	

## 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( $\alpha$ )- ABHCGK02( $\beta$ )

## Cardiac Markers

### Mouse monoclonal antibodies

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



D-dimer mAb	ABDD2T19		Detection	Turbidity
NT-proBNP mAb	ABNTP801	Rabbit	Capture	CLIA/Colloidal Gold
	ABCKMB802	Goat	Detection	Lateral Flow
BNP mAb	ABBNP201	Mouse	Capture	
	ABBNP202		Detection	CLIA/Latex bead LF

## Diabetes Markers

Product Name	Catalog #	Features	Recommended Usage	Applications
HbA1cmAb	ABA1C803	Mouse	Capture	Colloidal Gold LF
	ABA1C801		Detection	
HbA1c mAb	ABA1CT01	Mouse	Detection	Turbidity
Hemoglobin mAb	ABHEM801	Mouse	Capture/	Colloidal Gold
			Detection	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	ABSAA001	Mouse IgG	Capture	ELISA/CLIA
	ABSAA002		Detection	/Colloidal Gold LF
	ABSAA003		Detection	/Latex bead LF
SAA mAb	ABSAA801	Mouse IgG	Capture	ELISA/CLIA
	ABSAA802		Detection	/Colloidal Gold LF /Latex bead LF
PCT mAb	ABPCTTK01	Mouse IgG	Capture	CLIA/ Colloidal
	ABPCTTK02		Detection	Gold LF
CRP mAb	ABCRP001	Alpaca recombinant	Capture	TRFICA/CLIA /
	ABCRP002		Detection	Colloidal Gold LF
	ABCRP003	VHH, mAb	Detection	

## Tumor Markers

### Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
AFP mAb	ABAFP701	Mouse	Capture	ELISA/CLIA /Colloidal Gold Lateral Flow
	ABAFP702	IgG	Detection	
CEA mAb	ABCEA701	Mouse	Capture	ELISA/CLIA/Colloidal Gold Lateral Flow
	ABCEA702	IgG	Detection	
fPSAmAb	ABPSA211	Mouse	Capture	CLIA
	ABPSA212	IgG	Detection	
PSA mAb	ABPSA201	Mouse	Capture	CLIA
	ABPSA202	IgG	Detection	
CA153 mAb	ABCA3201	Mouse IgG	Capture	CLIA
	ABCA3202		Detection	
	ABCA3203		Capture /Detection	
Pepsinogen I mAb	ABPGI201	Mouse	Capture	Colloidal Gold LF / CLIA/Latex bead LF
	ABPGI202	IgG	Detection	
Pepsinogen II mAb	ABPGII201	Mouse IgG	Capture	Colloidal Gold LF / CLIA/Latex bead LF
	ABPGII202		Detection	
CA125 mAb	ABCA5201	Mouse IgG	Capture	CLIA
	ABCA5202		Detection	
CA199 mAb	ABCA9202	Mouse	Capture	CLIA
	ABCA9201	IgG	Detection	
	ABCA7N01		Detection	

CA724 mAb	ABCA7N02	CHO	Capture	ELISA/CLIA
	ABCA7N03		Capture	
KL-6 mAb	ABKL6201	Mouse IgG	Capture	CLIA/Latex bead LF
	ABKL6202		Detection	

## Gastrointestinal Disease

### Mouse monoclonal antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
PG1 mAb	ABPG1201		Capture	
	ABPG1202		Detection	
PGII mAb	ABPG2801	Mouse IgG	Capture	TRFICA/CLIA
	ABPG2802		Detection	
	ABHPJ02		Detection	
HP mAb	ABHP201	Mouse	Capture	Colloidal gold LF /CLIA
	ABHP202		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	
MA HRPII mAb	ABHRPK01	Mouse	Capture	Colloidal gold
	ABHRPK02	Mouse	Detection	Lateral flow
MA Pv-pLDHmAb	ABPVK01	Mouse	Capture	Colloidal gold
	ABPVK02	Mouse	Detection	Lateral flow

### Antigen

Product Name	Catalog #	Features	Recommended Usage	Applications
pv-LDH Antigen	AGPVL001		Calibrator	Colloidal gold Lateral flow

## Kidney Diseases

### Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
B 2microglobulin mAb	ABB2M201	Mouse	Capture	CLIA/Latex bead LF
	ABB2M202		Detection	
Cystatin C mAb	ABCYSC201	Mouse	Capture	Colloidal gold LF /CLIA
	ABCYSC202		Detection	
NGAL mAb	ABNGAL201	Mouse	Capture	Colloidal gold LF /CLIA/Latex bead LF
	ABNGAL202		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	

## Liver Diseases

### Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
Type IV Collagen mAb	ABIVC201	Mouse	Capture	CLIA/Latex bead LF
	ABIVC202		Detection	CLIA/Latex bead LF

## Coagulation Markers

Product Name	Catalog #	Features	Recommended Usage	Applications
DCP mAb	ABDCPN01	Mouse	Capture	CLIA/Colloidal Gold LF
	ABDCPN02		Detection	
FDP Native Protein	CLBFDP		Calibrators	

## 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 $\beta$ mAb	ABS100B01	Mouse	Capture	CLIA/Latex bead LF
	ABS100B02		Detection	



## Blockers

Product Name	Catalog #	Features	Recommended Usage	Applications
HAMA blocker	HBR001	Mouse Source	SP treated	Colloidal Gold LF
HAMA blocker	HBR002	Mouse Source	SP treated	Colloidal Gold LF
HAMA blocker	ABZDJ001	Mouse Source	SP treated	Colloidal Gold LF
HAMA blocker	ABZDJ002	Mouse Source	SP treated	Colloidal Gold LF
HAMA blocker	ABZDJ003	Mouse Source	SP treated	Colloidal Gold LF

## Primary antibody & Secondary antibody

### Primary Antibodies

Product Name	Catalog #	Features	Recommended Usage	Applications
Rabbit IgG	ABRBIGG	Rabbit	Capture	Colloidal Gold LF
Chicken IgY	ABRACY	Chicken	Detection	Colloidal Gold LF

### 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	Detection	

Rabbit anti Chicken IgY	ABCIGY02	Rabbit	Capture	
Mouse Anti-human IgG	ABMAHBG1	Mouse IgG	Capture	
Mouse Anti-human IgM	ABMAHMJ1	Mouse IgG	Capture	
Mouse Anti-human IgM	ABAGM701	Mouse	Capture	Colloidal Gold LF
Alpaca Anti-human IgM	ABAAHM01	Mouse	Capture	Colloidal Gold LF / ELISA/CLIA
Alpaca Anti Mouse IgG	ABAAM01	Mouse	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	
	ABMMPN01		Capture	
	ABMMPN02		Detection	
	ABMMPN03		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	
	ABELA202		Detection	CLIA
Retinol -binding protein mAb	ABRBP201	Mouse	Capture	CLIA/Latex bead LF
	ABRBP202		Detection	
IgE mAb	ABIGE201	Mouse	Capture	Colloidal Gold LF /CLIA
	ABIGE202		Detection	

## Calibrators

Product Name	Catalog #	Description	Recommended Application
CRP	CLBCRP		
SAA	CLBSAA		
PCT	CLBPCT		
MYO	CLBMYO	Recombinant Ag	TRFICA/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 / 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](mailto:sales@aivdbiotech.com)



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