



IVD Product Catalogue

Reagents for Immunodiagnostic Assay Development

2020

Contents

Infectious Diseases

Hormone Markers

Cardiac Markers

Diabetes Markers

Inflammation Markers

Tumor Markers

Gastrointestinal Disease

Tropical Diseases

Blockers



Calibrators

Services

Infectious Diseases

Antibodies

Mouse monoclonal antibodies

Product Name	Catalog#	Recommended Usage	Applications
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
	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-1 Antigen	AGHIV102	GP41	Capture	Colloidal gold LF
HIV-2 Antigen	AGHIV002	GP36	Capture	
HIV-1/2 Antigen	AGHIV105	GP41+GP36	Detection	

Product Name	Catalog#	Features	Recommended Usage	Applications
HIV-1 Antigen	AGHIVE11	GP41	Capture	ELISA
HIV-1 HRP	HRPHIVE12	GP41	Detection	
HIV-2 Antigen	AGHIVE21	GP36	Capture	
HIV-2 HRP	HRPHIVE22	GP36	Detection	
HCV Antigen	AGHCVE01		Capture	
HCV Ag Biotin	BIOHCVE23	Core/NS3/NS4	Detection	
HCV Ag HRP	AGHCVE02		Detection	
SA-HRP	SA01H		Detection	
HCV Antigen	AGHCVR01	Core/NS3/NS4	Capture	Colloidal Gold LF
	AGHCVR02		Detection	
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	

COVID-19 (SARS-CoV-2) Antigens

Product Name	Catalog#	Features	Recommended Usage	Applications
 COVID-19 N Antigen	AGCOV001	E.coli	Detection	
 COVID-19 RDB Antigen	AGRBDCH1	293 Cell	Detection	Colloidal Gold LF
 COVID-19 S1 Antigen	AGCOVS11	293 Cell	Detection	

COVID-19 (SARS-CoV-2) Antibodies

Product Name	Catalog#	Features	Recommended Usage	Applications
 COVID-19 N Antibody	AGCOVN01	Mouse	Capture	Colloidal Gold LF
	AGCOVN02	Mouse	Detection	

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

Product Name	Catalog#	Virus information	Applications
Heat Inactivated Virus Culture Fluid	QCCOV01	BetaCoV/Wuhan/IPBCAMS-WH-01/2019	CLIA/POCT
	QCCOV02	2019-nCoV/Hong Kong/VM20001061/2020	

Hormone Markers

Mouse monoclonal antibodies

Product Name	Catalog#	Features	Recommended Usage	Applications
AMH mAb	ABAMH801	Mouse IgG	Capture	CLIA
	ABAMH804	Mouse IgG	Detection	

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	TRFICA / CLIA
	ABCKMB802		Capture	
D-dimer mAb	ABDD2801	Mouse IgG	Capture	TRFICA/CLIA/ Colloidal Gold LF
	ABDD2802		Detection	
NEW D-dimer mAb	ABDD2T19		Detection	Turbidimetry

Diabetes Markers

Product Name	Catalog#	Features	Recommended Usage	Applications
HbA1c mAb	ABA1C803	Mouse mAb	Capture	TRFICA
	ABA1C801		Detection	
NEW HbA1c mAb	ABA1CT01	Mouse IgG	Detection	Turbidimetry

Inflammation Markers

Antibodies

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

Tumor Markers



Mouse monoclonal antibodies

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

PSA mAb	ABPSA201	Mouse IgG	Detection & Capture
	ABPSA202		Detection & Capture
CA153 mAb	ABCA3201	Mouse IgG	Capture
	ABCA3202		Detection

Gastrointestinal Disease

Mouse monoclonal antibodies

Product Name	Catalog#	Features	Recommended Usage	Applications
PG1 mAb	ABPG1201	Mouse IgG	Capture	TRFICA/CLIA
	ABPG1202		Detection	
PGII mAb	ABPG2801	Mouse IgG	Capture	TRFICA/CLIA
	ABPG2802		Detection	
 FOB mAb	ABFOBK01	Mouse IgG	Capture	TRFICA/CLIA
	ABFOBK02		Detection	
	ABFOBK03		Detection	
 HP mAb	ABHPJ01	Mouse IgG	Capture	TRFICA/CLIA
	ABHPJ02		Detection	

Tropical Diseases

Antibodies

Mouse monoclonal antibodies

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

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

Others

Product Name	Catalog#	Features	Recommended Usage	Applications
Goat anti mouse IgG	pABGAMG	polyclonal	Capture	
Rabbit IgG	pABRBIGG	polyclonal	Capture	
Goat anti Rabbit IgG	pABGARG	polyclonal	Detection	
Rabbit anti Chicken IgY	pABCIGY	polyclonal	Capture	Colloidal Gold LF
Chicken IgY	pABRACY	polyclonal	Detection	
NEW Mouse Anti-human IgG	ABMAHBG1	Mouse IgG	Capture	
NEW Mouse Anti-human IgM	ABMAHMJ1	Mouse IgG	Capture	

Calibrators

Product Name	Catalog#	Description	Recommended Application
CRP	CLBCRP		
SAA	CLBSAA		
PCT	CLBPCT	Recombinant Ag	
MYO	CLBMYO		
hFABP	CLBABP		TRFICA/CLIA
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



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