



IVD Product Catalogue

Reagents for Immunodiagnostic Assay Development

2019

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Infectious Diseases

Antibodies

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
HIV p24 Ab	AGP24901	Mouse mAb	Capture (coating)	ELISA / Colloidal Gold LF
HIV p24 Ab	AGP24902		Detection (labeling)	
HCV Core Ab	ABHCV201	Mouse mAb	Capture	ELISA / CLIA
HCV Core Ab	ABHCV202		Detection	
HBsAg Ab	ABHBS701	Mouse mAb	Capture	Colloidal Gold LF
HBsAg Ab	ABHBS702		Detection	

Antigens

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
HIV-1 gp41 Ag	AGHIV102	Recombinant Ag, E.coli	Capture (coating)	Colloidal gold LF
HIV-2 gp36 Ag	AGHIV104		Capture	
HIV-1+2 Ag (GP41+GP36)	AGHIV105		Detection (labeling)	
HIV-1 gp41 Ag	AGHIV011	Recombinant Ag, E.coli	Capture	ELISA
HIV-1 gp41 HRP	AGHIV012		Detection	
HIV-2 gp36 Ag	AGHIV021	Recombinant Ag, E.coli	Capture	
HIV-2 gp36 HRP	AGHIV022		Detection	

Antigens

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
HCV Ag (NS3/NS4/NS5)	AGHCV001	Recombinant Ag,	Capture	ELISA / CLIA
HCV HRP Ag (NS3/NS4/NS5)	AGHCV002	E.coli	Detection	
Syphilis Ag (TP15/TP17/TP47)	AGTP003	Recombinant Ag,	Capture	Colloidal Gold LF
Syphilis Ag (TP15/TP17/TP47)	AGTP002	E.coli	Detection	

Hormone Markers

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
α -HCG	ABHCG602		Detection	Colloidal Gold LF
β -HCG	ABHCG601	Mouse mAb	Capture	
β -HCG	ABHCG603		Capture	
AMH	ABAMH801	Mouse mAb	Capture	CLIA
AMH	ABAMH804		Detection	

Bone Metabolism Markers

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
25-OH VD3 Ab	ABVD801	Mouse mAb	Detection	CLIA
25-OH VD2&VD3	ABVD802		Detection	
25-OH VD3-BSA Ag	AGVD800	Synthetic Ag	Capture	

Cardiac Markers

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
CTNI	ABCTNI801		Detection	
CTNI	ABCTNI802	Mouse mAb	Capture	CLIA/TRFICA/ Colloidal Gold LF
CTNI	ABCTNI803		Capture	
Myoglobin	ABMYO801		Capture	
Myoglobin	ABMYO803	Mouse mAb	Detection	TRFICA / CLIA
NT-proBNP	ABNTP801		Capture	
NT-proBNP	ABNTP501	Mouse mAb	Detection	TRFICA
LpPLA2	ABPLA801		Capture	
LpPLA2	ABPLA802	Mouse mAb	Detection	TRFICA / CLIA
CK-MB	ABCKMB801		Detection	
CK-MB	ABCKMB802	Mouse mAb	Capture	CLIA / TRFICA
D-dimer	ABDD2801		Capture	
D-dimer	ABDD2802	Mouse mAb	Detection	TRFICA/CLIA/ Colloidal Gold LF

Inflammation Markers

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
SAA	ABSAA001	Mouse mAb	Capture	TRFICA/CLIA
SAA	ABSAA002		Detection	
PCT	ABPCT801	Mouse mAb	Detection	TRFICA/CLIA
PCT	ABPCT802		Capture	
CRP	ABCRP001	Alpaca recombinant VHH, mAb	Capture	TRFICA/CLIA
CRP	ABCRP002		Detection	
IL-6	ABIL6801	Mouse mAb	Capture	TRFICA/CLIA
IL-6	ABIL6802		Detection	
Transferrin	ABTSF401	Mouse mAb	Capture	Colloidal Gold LF
Transferrin	ABTSF402		Detection	

Markers for Kidney Disease

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
NGAL	ABGAL801	Mouse mAb	Capture	ELISA/TRFICA/CLIA
NGAL	ABGAL802		Detection	

Tumor Markers

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
AFP	ABAFP801	Mouse mAb	Capture	ELISA/TRFICA
AFP	ABAFP802		Detection	
CEA	ABCEA801	Mouse mAb	Capture	ELISA
CEA	ABCEA802		Detection	
PSA	ABPSA801	Mouse mAb	Detection & Capture	TRFICA/CLIA
PSA	ABPSA802		Detection & Capture	
CA153	ABCA3201	Mouse mAb	Capture	CLIA
CA153	ABCA3202		Detection	

Gastrointestinal Disease

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
FOB	ABFOB401	Mouse mAb	Capture	Colloidal Gold LF
FOB	ABFOB402		Detection	
PG1	ABPG1201	Mouse mAb	Capture	TRFICA/CLIA
PG1	ABPG1202		Detection	
PGII	ABPG2801		Capture	
PGII	ABPG2802		Detection	

Tropical Diseases

Antibodies

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
Dengue NS1 (4D2)	ABNS1104	Mouse mAb	Detection	Colloidal Gold LF
Dengue NS1 (3D7)	ABNS1103		Detection	
Dengue NS1 (3D3)	ABNS1101		Capture	
Dengue NS1 (4D11)	ABNS1102		Capture	
MA HRPII	ABHRP102		Detection	
MA HRPII	ABHRP101		Capture	
MA Pv-pLDH	ABPV102		Detection	
MA Pv-pLDH	ABPV101		Capture	

Antigens

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
Typhoid	AGTYP001	Recombinant Ag, E.coli	Detection	Colloidal Gold LF
Typhoid	AGTYP002		Detection	
Typhoid	AGTYP003		Detection	
Typhoid	AGTYP004		Detection	
Chikungunya Ag	AGCHI001	Recombinant Ag, E.coli	Capture	Colloidal Gold LF
Chikungunya Ag	AGCHI002		Capture	

Blockers

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

Others

Product Name	Catalog #	Description	Recommended Usage	Applications Tested/Suitable
Alpaca Anti-Mouse IgG Fab	ABAAM001		Capture	
Alpaca Anti-Mouse IgG Fab	ABAAM002	Alpaca recombinant VHH, secondary antibody, mAb	Capture	Colloidal Gold LF/TRFICA
Alpaca Anti-Mouse IgG Fc	ABAAM003		Capture	
Alpaca Anti-Rabbit IgG	ABAAR001		Capture	
IGFBP-1	ABFBP401	Mouse mAb	Capture	Colloidal Gold
IGFBP-1	ABFBP402	Mouse mAb	Detection	LF

Calibrators

Product Name	Catalog #	Description	Recommended Application
SAA	CLBSAA		
PCT	CLBPCT		
CRP	CLBCRP		
MYO	CLBMYO	Recombinant Ag	TRFICA/CLIA
hFABP	CLBABP		
NT-proBNP	CLBNTP		
PRL	CLBPRL		

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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