

Contents

AIVD Profile	01 02/02	Immunoturbidimetry	04 13/14
POCT	02 03/09	Molecular Diagnostics	05 15/18
Chemiluminescence	03 10/13		



Company Introduction

Shenzhen AIVD Biotechnology

Shenzhen Aivd Biotechnology Co., LTD., ISO 13485 and ISO 9001 certified, is a China high-tech enterprise specialized in supplying complete solution for IVD industry globally, our core team members have rich experience in products R&D, production and registration.

AIVD Biotech offers professional, high-quality service for our clients by providing complete solutions from raw materials to finished products, products and services applicable to diverse application scenarios and platforms!

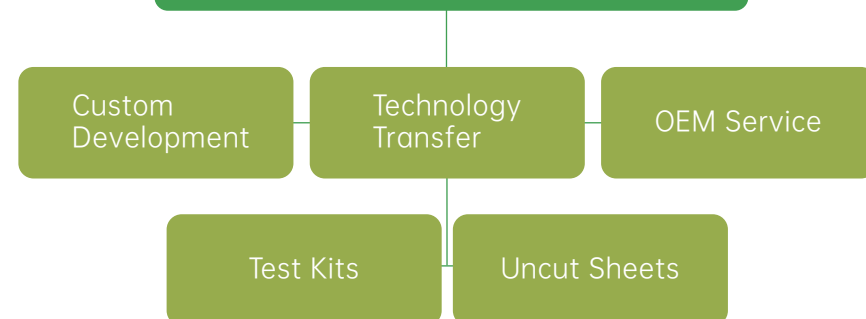
Ever since the foundation, AIVD has successfully delivered a number of first-of-its-kind diagnostic reagent products in China, solved numerous product process and production problems for our clients, furthermore, AIVD has partially realized the localization substitution of imported raw materials.

AIVD has working area of 5000 square meters, of which 3000 square meters of R&D and 2000 square meters production. More than 100 employees of which 70% are R&D members composed of doctors, masters and bachelors. AIVD has 2 technology centers: diagnostic raw material technical center and diagnostic reagents technical center. The raw material technology center includes the R&D and production of recombinant antigens, antibodies (including nanoantibodies), enzyme and molecular diagnostics. The diagnostic reagent technology center includes ELISA, Colloidal gold and Fluorescence based Lateral Flow, Chemiluminescence, Immunoturbidimetric and molecular diagnostic platform.

For various R&D and production pain points faced by IVD industry, such as high cost of raw materials, long production development cycle, low product clinical data coincidence, unstable production, etc, AIVD provides complete technical solutions including custom development, mass production and OEM service from raw materials to finished products, optimization from products to manufacturing technique, etc.

POCT

POCT Testing Solutions



Immunofluorescence analyzers



Fluorescent Quantitative Assay Products

Fluorescence immunoassay (FIA) is a simple, rapid, and sensitive technique that is used to quantitatively measure many compounds including hormones, proteins and drugs. This method has been widely applied in the in vitro diagnostics (IVD) industry.

A modern fluorescent based immunoassay uses as the detection reagent – fluorescent microspheres which absorb light or energy (excitation energy) at a specific wavelength and then emits light or energy at a different wavelength.

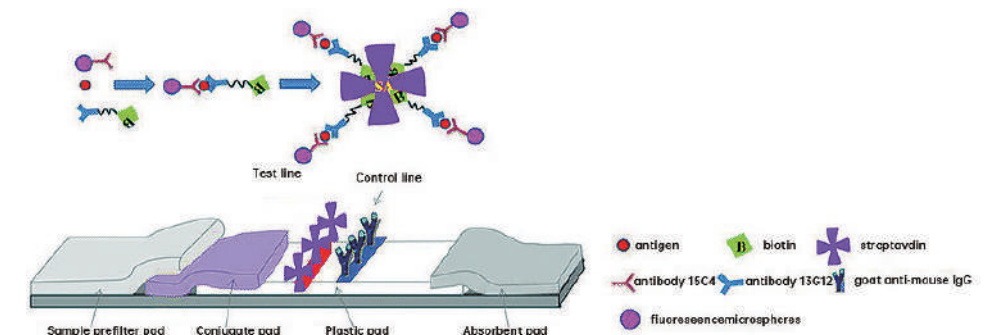
The FIA test consists of:

- 1) a conjugate pad containing specific protein (antibody or antigen) conjugated with fluorescent microspheres (probe conjugate) and a control antibody probe conjugate.
- 2) a nitrocellulose membrane with immobilized proteins in the test area (T line) and a control line (C line).

After adding the specimen to the sample well on the test cassette, protein in the sample will interact with the probe conjugate on the probe pad. The NC membrane diffuses re-solubilized conjugate forward. As the sample moves along the device binding reagents situated on the NC membrane bind to the target at the T and C line.

Concentration in specimen is positively correlated with the fluorescent density of the fluorescent microspheres, after the measure and calculation of the quantitative fluorescence immunoassay analyzer, then the analyzer would calculate the concentration according to the preset calibration curve in the machine and display the result. C line should appear in any cases, which indicates the reaction system is effective.

As an expert in IVD assay development, AIVD Biotech is committed to offering a reliable and sensitive FIA-based testing service to accelerate the application of FIA technique in the IVD field.



Fluorescent Quantitative Assay Products

Biomarker	Product Name	Catalog #	Linearity Range	Correlation R ²	Detection limit	Product Type
Cardiac markers	cTnI	IFCTNB	0.1-40 ng/mL	0.98	0.1 ng/mL	Uncut Sheet CE Test Kit OEM Test Kit
	Myo	IFMYOB	25-500 ng/mL	0.95	15 ng/mL	
	CK-MB	IFCKMB	1-100 ng/mL	0.95	1 ng/mL	
	cTnT	IFTNTB	3-10000 pg/mL	0.97	3 pg/mL	
	D-Dimer	IFODDE	0.1-10 mg/L	0.97	0.1 mg/L	
	NT-proBNP	IFNTPB	50-35000 pg/mL	0.96	25 pg/mL	
	H-FABP	IFFABB	2-160 ng/mL	0.95	2 ng/mL	
	cTnI/CK-MB/Myo	IFCCMB	Same as single item	Same as single item	Same as single item	
	cTnI/CK-MB Combo Test	IFCTCB	Same as single item	Same as single item	Same as single item	
Inflammatory markers	PCT	IFPCTB	0.1-100 ng/mL	0.95	0.05 ng/mL	Uncut Sheet CE Test Kit OEM Test Kit
	CRP	IFCRPB	0.5-200 mg/L	0.96	0.5 mg/L	
	IL-6	IFIL6B	5-1000 pg/mL	0.97	5 pg/mL	
	SAA	IFSAAB	5-200 mg/L	0.97	5 mg/L	
	CRP/SAA Combo Test	IFCRSB	Same as single item	Same as single item	Same as single item	
	PCT/IL-6 Combo Test	IFPI6B	Same as single item	Same as single item	Same as single item	
Hormone markers	FSH	IFFSHB	1-200 mIU/mL	0.95	1 mIU/mL	Uncut Sheet CE Test Kit OEM Test Kit
	LH	IFOLHB	1-200 mIU/mL	0.99	1 mIU/mL	
	PRL	IFPRLB	1-200 ng/mL	0.97	1 ng/mL	
	Prog	IFPROB	0.5-60 ng/mL	0.95	0.5 ng/mL	
	TESTO	IFTESB	0.1-15 ng/mL	0.96	0.1 ng/mL	
	E2	IFOE2B	20-2000 pg/mL	0.95	20 pg/mL	
	HCG	IFHCGB	5-50000 mIU/mL	0.97	2.5 mIU/mL	
	AMH	IFAMHB	0.1-25 ng/mL	0.99	0.1 ng/mL	
	Cortisol	IFCORB	0.5-60 ug/dL	0.99	0.5 ug/dL	
Metabolic markers	T3	IFOT3B	0.77-15.4 nmol/L	0.95	0.77 nmol/L	Uncut Sheet CE Test Kit OEM Test Kit
	T4	IFOT4B	6.4-86 nmol/l	0.98	6.4 nmol/L	
	FT3	IFFT3B	0.4-50.0 pmol/L	0.95	0.4 pmol/L	
	FT4	IFFT4B	3.2-77 pmol/L	0.99	3.2 pmol/L	
	TSH	IFTSHB	0.1-100 mIU/L	0.96	0.1 mIU/L	
Tumor markers	CEA	IFCEAB	1-1000 ng/mL	0.95	1 ng/mL	Uncut Sheet CE Test Kit OEM Test Kit
	AFP	IFAFPB	1-1000 ng/mL	0.98	1 ng/mL	
Stomach function	PG I	IFPG1B	1-200 ng/mL	0.97	1 ng/mL	Uncut Sheet CE Test Kit OEM Test Kit
	PG II	IFPG2B	1-100 ng/mL	0.96	1 ng/mL	
	G17	IFG17B	1-50 pmol/L	0.97	1 pmol/L	
	PG I / PG II	IFP12B	Same as single item	Same as single item	Same as single item	
Renal Function	MAU	IFMAUI	5-1000 mg/L	0.98	5 mg/L	Uncut Sheet CE Test Kit OEM Test Kit
	NGAL	IFNGAA	50-5000 ng/mL	0.97	50 ng/mL	
	Cys-C	IFCYSA	0.2-10 mg/L	0.97	0.2 mg/L	
	β2-MG	IFBMGA	0.2-20 mg/L	0.96	0.2 mg/L	
Blood glucose	HbA1c	IFHBAD	4-14 %	0.95	4%	Uncut Sheet CE Test Kit OEM Test Kit
Anemia	Fer	IFFERB	1-2000 ng/mL	0.96	1 ng/mL	Uncut Sheet CE Test Kit OEM Test Kit
Vitamins	25-OH-D	IF25DB	3-60 ng/mL	0.95	3 ng/mL	Uncut Sheet CE Test Kit OEM Test Kit

Fluorescent Immunoanalyzer
(AI-IF 600)



Advantages

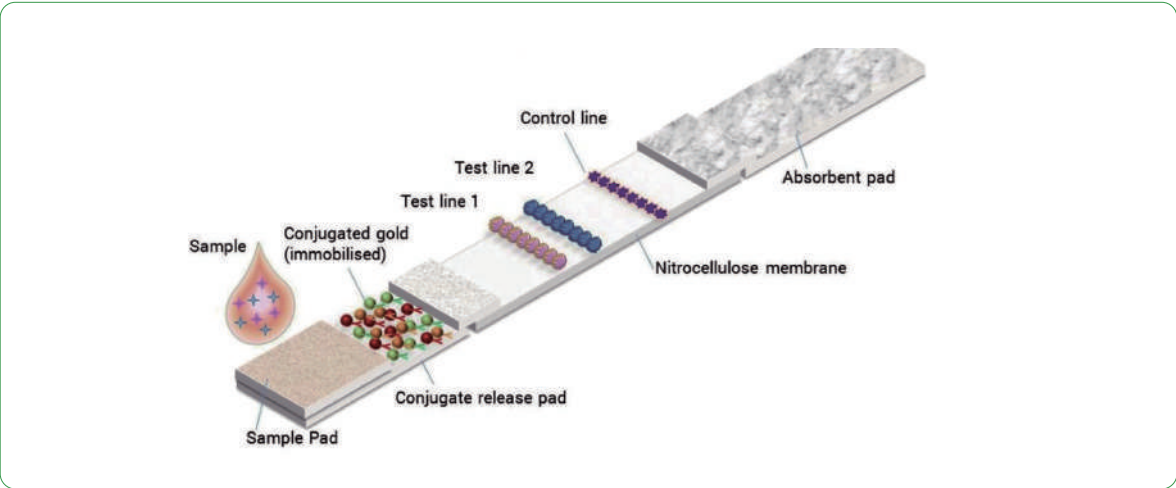
- 1 Can be operated in batches rapidly
- 2 One-click operation, card ejects automatically
- 3 Identify the test item automatically
- 4 Automatically print and upload the data
- 5 High sensitivity, reach to nanogram level

Technical Characteristics	
Principles of Detection	Benchtop Fluorescence Immunoassay Analyzer
Specimen Type	Whole blood, serum, plasma, urine, hair, etc
Data Interface	Charging port, USB-COM connector, debug port
Display Interface	7 inch
Detection Channel	Single channel, can detect single-panel test and multi-panel tests
Barcode of the Reagent	1D barcode symbology, 2D barcode symbology
Printer	Thermal printer, 58mm
Detection Speed	<10 s each test, the whole operation only takes 10~15 min
Data Storage	No limit
Environmental Limit	Thermostatic incubator can effectively eliminate the effects of time, room temperature on the reaction
Dimension	215 mm*302 mm*155 mm
Weight	3 kg

Colloidal Gold Assay Products

AIVD's Rapid Test is a simple test device intended to detect the presence or absence of the target analyte and does not require expensive medical instruments and consumables.

AIVD's Rapid Test is a one-step colored chromatographic immunoassay for the qualitative detection of the target parameter in the human samples, such as blood, saliva, pharyngeal secretion, fecal samples and etc. As color indicators colloidal gold nanospheres and latex beads are the most widely used.



The kits are an immunochromatographic assay, based on double antibody sandwich method. After adding the specimen to the sample well on the test cassette, analyte in the sample will interact with the latex bead or colloidal gold labeled protein on the conjugate pad. Then the conjugate pad will release re-solubilized conjugate onto the nitrocellulose membrane. The nitrocellulose membrane (NC membrane) diffuses it forward.

The conjugate complex will migrate towards the test window until the Test Zone (T) where it will be captured by immobilized proteins, forming a visible red line (Test line), indicating a positive result. If analyte is absent in the sample, no red line will appear in the Test Zone (T), indicating a negative result.

As a procedure control, there is a quality control zone (C line), this line will always appear in the control line region. Absence of a red control line in the Control Zone is an indication of an invalid result.

Colloidal Gold Assay Products

Diseases	Product Name	Catalog #	Type	Product Type
SARS-CoV-2 (COVID-19)	SARS-CoV-2 Antigen Test	CGCOVJ	Qualitative	Uncut Sheet CE Test Kit OEM Test Kit
	SARS-CoV-2 IgG Antibody Test	CGCOGB	Qualitative	
	SARS-CoV-2 IgM Antibody Test	CGCOMB	Qualitative	
	SARS-CoV-2 IgG/IgM Antibody Test	CGCGMB	Qualitative	
Influenza	Influenza A Virus (Flu-A) Antigen Test	CGFLAJ	Qualitative	Uncut Sheet CE Test Kit OEM Test Kit
	Influenza B (Flu-B) Antigen Test	CGFLBJ	Qualitative	
	Influenza A Influenza B Antigen Combo Test	CGFABJ	Qualitative	
COVID-19 / Influenza combo test	COVID-19/Flu-A/Flu-B Ag Combo Test (1 Strip)	CGABCJ	Qualitative	Uncut Sheet CE Test Kit OEM Test Kit
	COVID-19/Flu-A/Flu-B Ag Combo Test (2 Strips)	CGCABJ	Qualitative	
Infectious Diseases	Syphilis Spirochete (TP) Antibody Test	CGOTPA	Qualitative	Uncut Sheet CE Test Kit OEM Test Kit
	Hepatitis C Virus (HCV) Antibody Test	CGHCVA	Qualitative	
	Human Immunodeficiency Virus (HIV 1/2) Test	CGHIVA	Qualitative	
	HIV I / II Antibody Urine Test	CGHIVI	Qualitative	
	Monkeypox Virus(MPV) Antigen Test	CGMPVZ	Qualitative	

Performance Data

Take monkeypox virus antigen test uncut sheet (CGMPVZ) as an example.

1ug/ml

MONKEYPOX (MPV)

ID: _____

C

T

S

+

100ng/ml

MONKEYPOX (MPV)

ID: _____

C

T

S

+

10ug/ml

MONKEYPOX (MPV)

ID: _____

C

T

S

+

1ng/ml

MONKEYPOX (MPV)

ID: _____

C

T

S

+

0.1ng/ml

MONKEYPOX (MPV)

ID: _____

C

T

S

+

0.01ng/ml

MONKEYPOX (MPV)

ID: _____

C

T

S

+

a. Sensitivity :

The detection sensitivity is up to 10pg/mL.

b. Specificity

Detection of not less than 500 random samples, eachsample tested once, no blood red background on the membrane surface, specificity ≥ 99.8%.

Latex Assay Products

Compared with traditional colloidal gold, latex microspheres and magnetic beads have good stability, wide linear range and high sensitivity, which are very suitable for quantitative immunochromatographic assays.

The "latex" immunochromatographic method actually refers to colored latex particles as tracer markers, specifically the latex lateral chromatographic immunochromatographic method. Colored latex is nanoscale homogeneous latex particles, the surface of which can be modified with carboxyl, amino or other chemical groups as needed, through which proteins can be coupled with latex particles and form a stable bond. Lateral chromatography immunoassay products that use latex particles coupled with specific antigens or antibodies are referred to as latex-based rapid assays.

Disease	Product Name	Catalog #	Type	Product Type
COVID-19	SARS-COV-2 antigen test	LICOVJ	Qualitative	Uncut Sheet/CE Test Kit/ OEM Test Kit

Sensitivity 95.83% ; Specificity 99.23%.

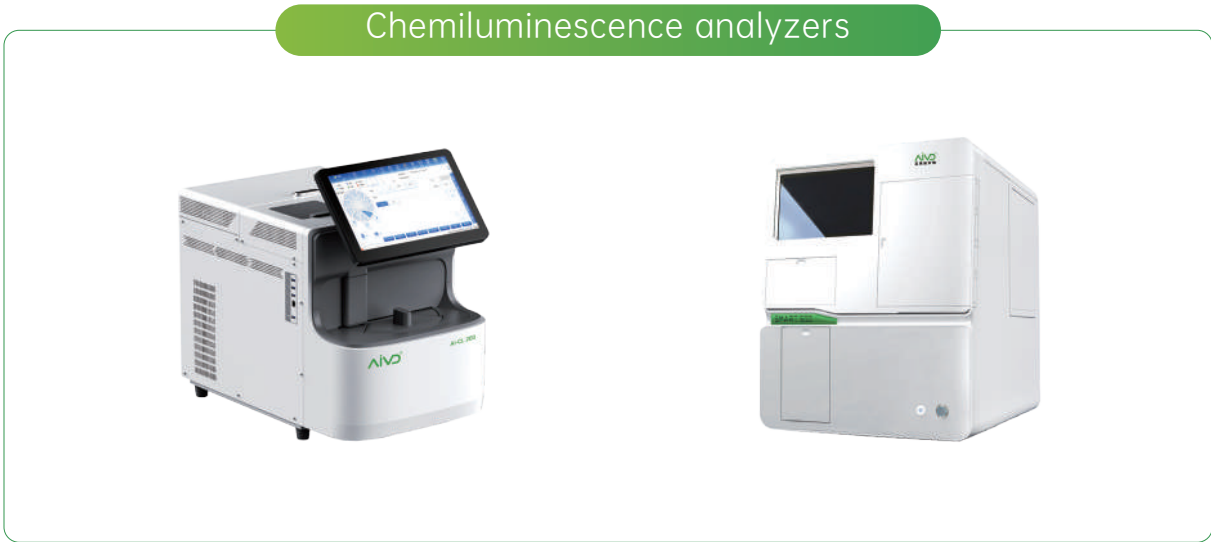
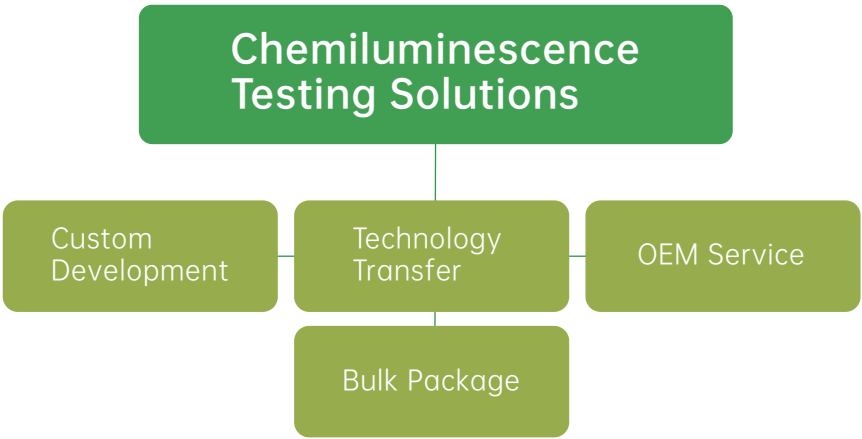
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Disease	Product Name	Recommended Application Platform
Digestivetract markers	FOB	GICA
	TRF	
Infectious diseases	HP Antibody Typing	GICA
	HBsAg	
	TP/HBsAg Combo Test	
	HCV/HIV Combo Test	

Chemiluminescence Assay Products

Chemiluminescence immunoassay (CLIA) is an assay that combines chemiluminescence technique with immunochemical reactions. Similar to other labeled immunoassays (RIA, FIA, ELISA), CLIA utilize chemical probes which could generate light emission through chemical reaction to label the antibody. In recent years, CLIA has gained increasing attention in different fields, including life science, clinical diagnosis, environmental monitoring, food safety and pharmaceutical analysis because of its high sensitivity, good specificity, wide range of applications, simple equipment and wide linear range.

In CLIA, we mostly see AE-based reagents i.e. acridinium dimethyl phenyl esters which autonomously produces light in the presence of H2O2 and NaOH without the assistance of an enzyme and reaches its maximum CL in just 0.4 seconds. More crucially, the intensity of AE-mediated luminescence is barely impacted by the tagged proteins. Based on these benefits, laboratory investigations have quickly adopted commercialized AE labeling kits, such as acridinium protein labeling kits.



Chemiluminescent Assay Products

Biomarker	Product Name	Catalog #	Linearity Range	Correlation R²	Detection Limit	Product Type
Cardiac markers	cTnl	CLCTNA	0.02-50 ng/mL	0.95	0.01 ng/mg	Bulk Package
	Myo	CLMYOA	2-3000 ng/mL	0.97	2 ng/mL	
	CK-MB	CLCKMA	0.5-800 ng/mL	0.97	0.5 ng/mL	
	NT-proBNP	CLNTPA	10-35000 pg/mL	0.97	10 pg/mL	
	H-FABP	CLFABA	0.25-200 ng/mL	0.95	0.1 ng/mL	
Inflammatory markers	CRP	CLCRPA	0.02-250 ug/mL	0.95	0.02 ug/mL	Bulk Package
	SAA	CLSAAA	1-300 ug/mL	0.95	0.5 ng/mL	
	PCT	CLPCTA	0.02-100 ng/mL	0.96	0.02 ng/mL	
	IL-6	CLIL6A	1-5000 pg/mL	0.96	1 pg/mL	
Hormone markers	FSH	CLFSHA	0.25-200 mIU/mL	0.97	0.25 mIU/mL	Bulk Package
	LH	CLOLHA	0.5-200 mIU/mL	0.97	0.5 mIU/mL	
	PRL	CLPRLA	0.5-400 ng/mL	0.95	0.2 ng/mL	
	Prog	CLPROA	0.1-50 ng/mL	0.95	0.1 ng/mL	
	AMH	CLAMHA	0.01-25 ng/mL	0.97	0.01 ng/mL	
Tumor markers	CEA	CLCEAA	0.2-1000 ng/mL	0.96	0.2 ng/mL	Bulk Package
	AFP	CLAFPA	0.6-1200 ng/mL	0.96	0.5 ng/mL	
	t-PSA	CLTPSA	0.005-100 ng/mL	0.97	0.005 ng/mL	
	f-PSA	CLFPSA	0.01-50 ng/mL	0.95	0.01 ng/mL	
	Fer	CLFERA	0.5-2000 ng/mL	0.97	0.5 ng/mL	
	CA199	CL199A	1-1000 U/mL	0.95	1 U/mL	
	CA15-3	CL153A	1-300 U/mL	0.95	1 U/mL	
Hormone markers	CA125	CL125A	0.5-5000 U/mL	0.97	0.5 U/mL	Bulk Package
	T4	CL0T4A	5-500 nmol/L	0.96	5 nmol/L	
	FT4	CLFT4A	1-100 pmo/mL	0.97	0.3 pmo/mL	
	TSH	CLTSHA	0.04-100 mIU/L	0.97	0.04 mIU/L	
	T3	CLT3001	1-50 pmol/mL	0.96	pmol/mL	
Thyroid function	FT3	CLFT3001	0.3-10 nmol/L	0.97	nmol/L	Bulk Package
	PG I	CLPG1A	1-200 ng/mL	0.98	0.5 ng/mL	
	PG II	CLPG2A	1-100 ng/mL	0.97	0.5 ng/mL	
	G17	CLG17A	1-50 pmol/L	0.95	1 pmol/L	
Thrombosis	TM	CL0TMC	1-240 TU/ml	0.96	1 TU/ml	Bulk Package
	t-PAIC	CLPAIC	1-100 ng/ml	0.97	1 ng/ml	
	PIC	CLPICC	0.05-50 ug/ml	0.96	0.05 ug/ml	
	TAT	CLTATC	0.4-150 ng/ml	0.96	0.4 ng/ml	
	D-Dimer	CL0DDC	0.01-10 mg/L	0.96	0.005 mg/L	
	FDP	CLFDPA	2.5-80 ug/ml	0.95	2.5 ug/ml	
Alzheimer's	Aβ1-42	CLAB2A	30-500 pg/mL	0.95	30 pg/mL	Bulk Package
Infections	HCV core Ag	CLHCVA	/	/	50 pg/mL	Bulk Package

AI-CL 200 is a fully automatic and simple-to-use benchtop chemiluminescence analyzer with a throughput of 120 tests per hour. Based on various modes of antigen-antibody immunoreactivity and with paramagnetic particles as a carrier, AI-CL 200 utilizes the indirect chemiluminescence reaction of AMPPD with alkaline phosphatase to realize catalytic cracking of AMPPD under the action of enzymes. With the characteristics of simplicity, reliability and flexibility, AI-CL 200 can help optimize your laboratory analysis performance.



Advantages

- 1 Innovative design, user-friendly, flexible and high-quality
- 2 Up to 120 T/H, first result in ≤ 15 min
- 3 Good repeatability: Batch CV ≤ 3%
- 4 Compatible with HRP/AP/AE/ABEI assay protocol

Technical Characteristics	
Principle: Magnetic particles-based enzyme (AP/HRP) or direct (AE/ABEI) CLIA	
Throughput	Up to 120 T/H
Time to First Result	≤ 15 min
Sample Type	Serum/Plasma/Urine
Sample Capacity	30 positions
Reagent Disk	10 positions, continuous loading during test
Assay Cup Loading	200 cups, continuous loading
Cooling System	2~8°C
Reaction Temperature	37±0.3°C
Repeatability within Batch	CV ≤ 3%
Carryover	< 10 ppm
Dimensions (mm)	433(L)*679(W)*638(H)
Weight	≤ 38 kg

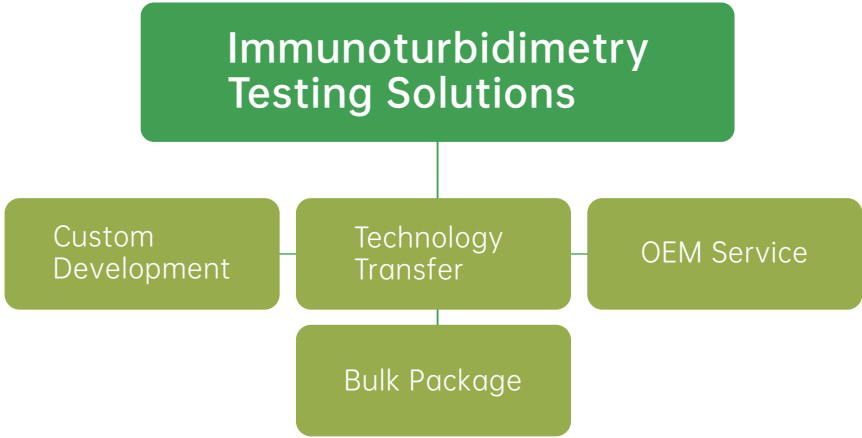
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Parameter	Product Name	Platform
Cardiac markers	ST2	AE-based CLIA
Infectious diseases marker	HCV-Ab	
	TP-Ab	
	HIV-Ab	
	CMV-IgG	
	CMV-IgM	
	RV IgG	
	RV IgM	
	TOXO IgG	
	TOXO IgM	
Cytokines marker	IL-1 β	AE-based CLIA
	IL-2	
	IL-2R	
	IL-4	
	IL-5	
	IL-6	
	IL-8	
	IL-10	
	IL-17A	
	TNF- α	
	IFN- γ	
	TSGF	
	PLGF	
	VEGF	
	IGFBP-1	

Immunoturbidimetry

Turbidimetric immunoassay, also known as immunoturbidimetry or turbidimetry, is based on measuring the turbidity of a sample to determine the level of an analyte. This method is commonly used to quantify antigen-antibody complexes. The formation of antigen-antibody complex increases the turbidity of the sample. When light passes through the reaction solution, part of the light is scattered by the sample, part of the light is absorbed by the sample, and the rest of the light passes through the sample. The concentration of protein antigen in the sample is determined by measuring the absorbance of light from a sample. This assay has been widely used in clinical diagnosis, e.g., measurement of PAI-1 and serum C-reactive protein (CRP).

Latex-enhanced immunoturbidimetry (LETIA) is an optimization for conventional immunoturbidimetry. In LETIA, inert microscopic particles amplify the immune complexes, significantly increasing the sensitivity of the reaction and detection.



Immunoturbidimetric Assay Products

Biomarker	Product Name	Linearity Range	Catalog #	Correlation R²	Detection Limit	Product Type
Cardiac markers	NT-proBNP	100-25000 pg/mL	ITNTP1	0.95	100 pg/mL	Bulk Package
	MYO	15-1000 ng/mL	ITMYO1	0.98	15 ng/mL	
	H-FABP	1-160 ng/mL	ITFAB1	0.98	1 ng/mL	
	CTNT	0.3-25 ng/mL	ITTNT1	0.95	0.30 ng/mL	
	CK-MB	1-200 ng/mL	ITCKM1	0.98	1 ng/mL	
	Lp-PLA2	15-800 ng/mL	ITPLA1	0.95	15 ng/mL	
	D-Dimer	0.2-20 mg/L	ITODD1	0.98	0.2 mg/L	
Stomach function	PG I	5-160 ng/mL	ITPG11	0.98	5 ng/mL	Bulk Package
	PG II	1-70 ng/mL	ITPG21	0.98	1 ng/mL	
	G17	1-128 pmol/L	ITG171	0.95	1 pmol/L	
	NGAL	10-5000 ng/mL	ITNGA1	0.95	10 ng/mL	
Inflammatory markers	SAA	5-200 mg/L	ITSAA1	0.98	5 mg/L	Bulk Package
	CRP	0.5-300 mg/L	ITCRP1	0.95	0.5 mg/L	
	PCT	0.1-50 ng/mL	ITPCT1	0.98	0.1 ng/mL	
	IL-6	1-1000 pg/mL	ITIL61	0.95	1 pg/mL	
Blood clotting	D-Dimer	0.2-20 mg/L	ITODD1	0.98	0.2 mg/L	Bulk Package
	FDP	1-80 mg/L	ITFDP1	0.98	1 mg/L	
Rheumatology	CCP	5-300 IU/mL	ITCCP1	0.95	5 IU/mL	Bulk Package
Tumor marker	FER	3-1000 ug/L	ITFER1	0.95	3 ug/L	Bulk Package

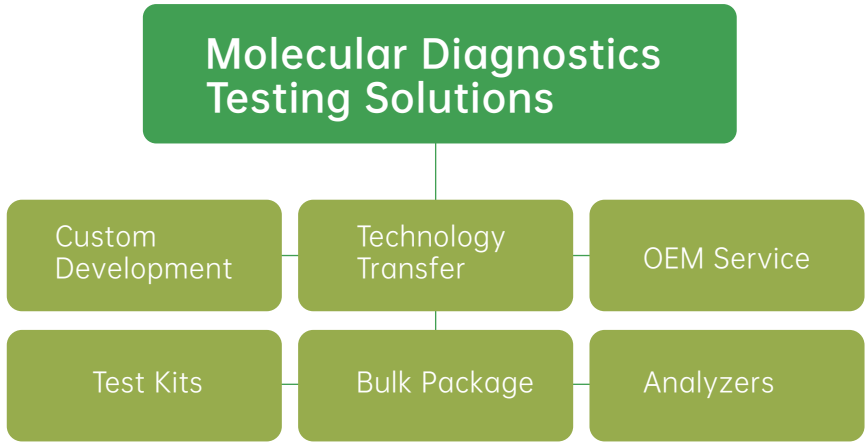
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Biomarker	Product Name	Platform
Stomach function	HP	Biochemistry, specific proteins
Inflammatory	HBP	Biochemistry, specific proteins
Rheumatology	RF	Biochemistry, specific proteins
	ASO	
	MMP-3	
Glucose metabolism	ADP	Biochemistry, specific proteins
Vitamins	25-VD-OH	Biochemistry, specific proteins

Molecular Diagnostics

Molecular diagnostics is a collection of techniques used to analyze biological markers in the genome and proteome, and how their cells express their genes as proteins, applying molecular biology to medical testing. In medicine the technique is used to diagnose and monitor disease, detect risk, and decide which therapies will work best for individual patients.

AIVD provides a board range of high-quality reagents and kits for the PCR, qPCR, Reverse Transcription, NGS Library preparation and etc.



Suitable for Roche, Bio-Rad, ABI and other well-known brands of amplifiers.



Nucleic Acid Extraction Solutions

Sample Preservation Solution

Product Name	Catalog #	Specification
Cell Preservation Solution	AIVD-X101	50*3ml
Sample Preservation Solution	AIVD-Y101	1.5ml/3.5ml/5ml

Sample Release Agent

Product Name	Catalog #	Specification
Sample Release Agent	AIVD-R101	3ml*50 tubes/box; 8ml*50 tubes/box

Nucleic Acid Extraction Reagents

Product Name	Catalog #	Specification
Virus DNA/RNA Extraction (Centrifugal column type)	DZ107	Bulk package / pre-packaged
Virus total RNA Extraction (Magnetic bead method)	RC104	Bulk package / pre-packaged
Total Virus DNA/RNA Extraction (Magnetic Bead Method)	DC107	Bulk package
Magnetic Bead Method for Viral DNA/RNA Extraction (with automatic analyzer)	DC201	Pre-packaged

Automatic Nucleic Acid Extractor

Product Name	Catalog #	Specification
AIVD-EX32 Automatic Nucleic Acid Extractor	EX-32	32 throughput
AIVD-EX96-throughput Automatic Nucleic Acid Extractor	EX-96	96 throughput



AIVD-EX32 throughput automatic nucleic acid extractor



AIVD-EX96 throughput automatic nucleic acid extractor

qPCR/RT-qPCR MIX

Product Name	Catalog #	Description
2×Taq PCR Mix(Dye plus)	PE018	Containing antibody modified hot start Taq enzyme Mix and Bromophenol Blue dye, the PCR products can be useddirectly for electrophoresis analysis,and also suitable for enzyme digestion, linkage and other experimental operations after purification and recovery.
Chemically Modified Probe qPCR Master Mix	MX003	Suitable for TaqMan probe. For singleplex or multiplex reactions. Ready-to-use 2X master mix.
Chemically Modified Probe qPCR Master Mix	MX004	Prevent non-specific amplification and pollution. Suitable for TaqMan probe. For singleplex or multiplex reactions. Ready-to-use 2X master mix.
Antibody Modified Probe One-Step RT-qPCR Pre-Mix	MX006	High stability. Fast and convenient single tube reaction. Suitable for various RNA templates. Works in singleplex, multiplex, and with exogenous or endogenous internal controls.
Chemically Modified Probe One-Step RT-qPCR Pre-Mix	MX008	High stability. Fast and convenient single tube reaction. Suitable for various RNA templates. Works in singleplex, multiplex,and with exogenous or endogenous internal I controls.
Antibody Modified Hot Start SYBR Green qPCR Mix	QE006-02	Contains antibody modified hot start taq enzyme Mix, SYBR Green I
Antibody Modified Hot Start SYBR Green qPCR Mix(Low ROX)	QE006-04	Contains antibody modified hot start Taq enzyme Mix, SYBR Green I and ROX Reference Dye for correction of inter-tube differences during PCR
Antibody Modified Hot Start SYBR Green qPCR Mix(High ROX)	QE006-05	Contains antibody modified hot start Taq enzyme Mix, SYBR Green I and ROX Reference Dye for correction of inter-tube differences during PCR

Staining Solution

Product Name	Catalog #	Specification
Wright-Giemsa staining solution	AIVD-S-101	20ml/100ml/250ml/500ml/1000ml

Nucleic Acid Quantitative Test Kits

Product Name	Catalog #	Specification
Influenza A, Influenza B, Influenza Bv, Influenza By subtype quadruple nucleic acid test kit (Fluorescent PCR method)	AIVD-RP-098	48T
New coronavirus quadruple (O,N,E endogenous group) nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-097	48T
Human parapneumovirus nucleic acid test kit (Fluorescent PCR method)	AIVD-RP-068	48T
Influenza A/B, adenovirus, respiratory syncytial virus nucleic acid test kit (Fluorescent PCR method)	AIVD-RP-099	48T
Parainfluenza virus type I/II/III nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-100	48T
Influenza A, respiratory syncytial, new coronavirus O gene/endogenous gene nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-101	48T
Middle East respiratory syndrome (orf1b fragment) coronavirus nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-064	48T
Influenza A, B, H1, H3 subtype quadruple nucleic acid test kit (Fluorescent PCR method)	AIVD-RP-102	48T
Parainfluenza virus (type IV) Nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-054	48T
Coronavirus 229E nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-056	48T
Coronavirus OC43 nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-057	48T
Boca virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-076	48T
Respiratory syncytial virus type A and B nucleic acid detection kit (Dual fluorescent PCR method)	AIVD-RP-073	48T
Chlamydia pneumoniae nucleic acid test kit (Fluorescent PCR method)	AIVD-RP-085	48T
Mycoplasma pneumoniae nucleic acid test kit (Fluorescent PCR method)	AIVD-RP-086	48T
Rhinovirus nucleic acid detection kit (Fluorescent PCR method)	AIVD-RP-074	48T

Major Infectious Diseases

Product Name	Catalog #	Specification
HBV/HCV/HIV combo test nucleic acid detection kit (Fluorescent PCR method)	AIVD-ID-001	48T
HAV nucleic acid detection kit (Fluorescent PCR method)	AIVD-ID-002	48T
HEV nucleic acid detection kit (Fluorescent PCR method)	AIVD-ID-003	48T

Fever with Emerging Pathogens Series

Product Name	Catalog #	Specification
Enterovirus universal nucleic acid detection kit (Fluorescent PCR method)	AIVD-EV-001	48T
Coxsackievirus group A type 4 (CA4) nucleic acid detection kit (Fluorescent PCR method)	AIVD-EV-016	48T
Herpes simplex virus (HSV) nucleic acid detection kit (Fluorescent PCR method)	AIVD-EV-022	48T
CA6/CA10/CA16/EV71 nucleic acid detection kit (Fluorescent PCR method)	AIVD-EV-025	48T
Rubella virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-EV-018	48T
Measles virus nucleic acid detection kit (fluorescent PCR method)	AIVD-EV-019	48T

Insect Vector-borne Pathogens Series

Product Name	Catalog #	Specification
Zika, chikungunya and dengue viruses nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-016	48T
Hantavirus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-017	48T
Yellow fever virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-021	48T
Lassa fever virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-029	48T
New Bunyavirus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-031	48T
Epidemic B encephalitis virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-033	48T
West Nile virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-034	48T
Ebola virus nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-035	48T
Rift Valley fever virus nucleic acid detection kit (Fluorescence PCR method)	AIVD-MD-036	48T
Forest encephalitis virus nucleic acid detection kit (Fluorescence PCR method)	AIVD-MD-038	48T
Dengue I,II,III,IV nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-041	48T
Tick-borne regression fever nucleic acid detection kit (Fluorescence PCR method)	AIVD-MD-042	48T
Plasmodium falciparum nucleic acid detection kit (Fluorescence PCR method)	AIVD-MD-012	48T
Plasmodium vivax nucleic acid detection kit (Fluorescent PCR method)	AIVD-MD-013	48T

Veterinary Diseases

Product Name	Catalog #	Specification
Rabies Virus (RV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-011	48T
Canine parvovirus (CPV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-012	48T
Canine herpesvirus (CHV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-013	48T
Canine distemper virus (CDV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-014	48T
Feline herpes virus (FHV-1) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-015	48T
Canine parainfluenza virus (CPIV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-016	48T
Feline coronavirus (FeCV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-017	48T
Canine adenovirus type I (CAV-I) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-018	48T
Canine adenovirus type II (CAV-II) nucleic acid detection kit	AIVD-PD-019	48T
Feline calicivirus (FCV) nucleic acid detection kit (RPA-isothermal amplification)	AIVD-PD-020	48T

AiVD[®]
IVD Testing Solutions



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