PMDT

improving technologies improved health

PRODUCT
CATALOG

Pro-med (Beijing) Technology Co., Ltd
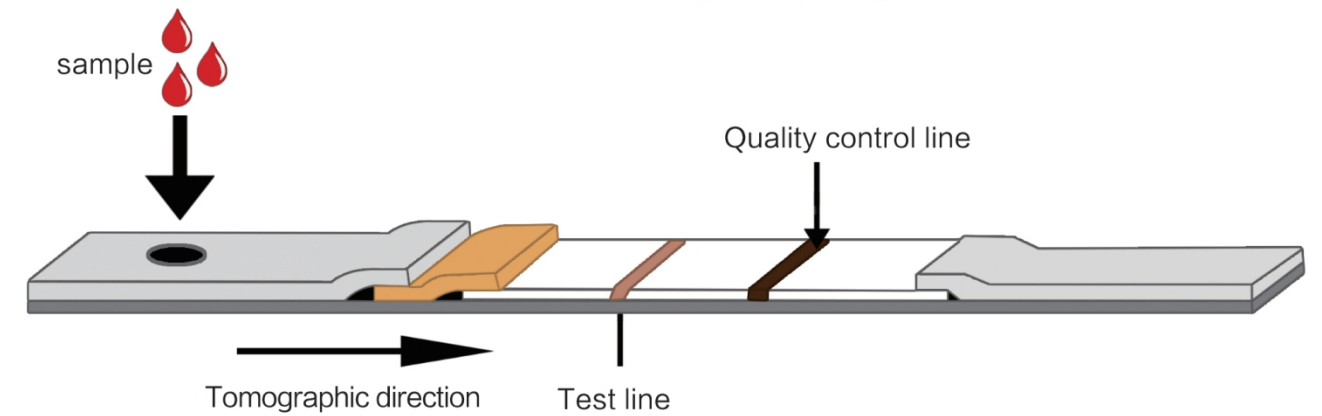
Address:C-3F, 8#, 738 Changliu Rd.,
Machikou Town, Changping, Beijing, China.
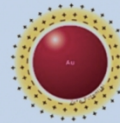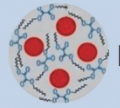Website:www.pmdtbio.com

Principles of Chromatography

sample

Quality control line

Test line

Tomographic direction

	Colloidal gold immunochromatography	Fluorescence immunochromatography
Mark	Colloidal gold	Fluorescence
Detection principle	Detect line color intensity converted to digital signal	The detection line fluorescence intensity is converted into a digital signal

In Vitro Diagnostic Project

PMDT®9000 Immunofluorescence Analyzer

· Meet primary testing need, 120 tests/h
· Space saving
· Convenient to use

PMDT®9100 Immunofluorescence Analyzer(Multichannel)

· 12 testing tunnels, 200 tests/h
· Various biomarkers tested simultaneously
· Auto timing

In Vitro Diagnostic Project

> Professional
> Accuracy
> Efficiency

Fluorescence Immunoassay Analyzer

Fluorescence Immunoassay Analyzer (IFA) is an analyzer that based on detection of fluorescence emitted during an immunoassay with antigen-antibody interaction.
Our Analyzer is designed to provide quantitative/qualitative test results by the examination of human samples with the following specific in vitro diagnostic test units:

Inflammation Markers

Tumor Markers

Nephrology

Diabetes

Cardiac Markers

Coagulation

Endocrinology

Fertility (Maternal & Children Healthcare)

Autoimmunity

Infectious Diseases, and etc..

Reading time: 15seconds

Our fluorescence immunoassay analyzer offers the advantages of high accuracy, strong stability and fast results.

Note: The first brand that develop in Vitamin D test, and the

Advantages

>More designed POCT:
- steady structure for reliable results
- auto alert to clean polluted cassettes
- 9'screen, manipulation friendly
- various ways of data exporting
- full IP of testing system and kits

>More accurate POCT:
- high-precision testing parts
- independent testing tunnels
- temperature & humidity auto-control
- auto QC & self-checking
- reacting time auto-control
- auto-saving data

>More efficient POCT:
- high-throughput for gargantuan testing needs
- testing cassettes auto-reading
- various testing samples available
- fitting in many emergency situations
- capable to connect printer directly (special model only)
- registered QC for all testing kits

>More intelligent POCT:
- registered QC for all testing kits
- real-time monitoring of every tunnels
- touchscreen instead of mouse and keyboard
- AI chip for data management

DIAGNOSIS ITEMS OF IMMUNOFLUORESCENCE PLATFORM

CATEGORY	PRODUCT NAME	FULL NAME	CLINICAL APPLICATION
Cardiac	sST2/NT-proBNP	Soluble ST2/ N-Terminal Pro-Brain Natriuretic Peptide	Clinical diagnosis of heart failure
	cTnl	Cardiac troponin I	Highly sensitive and specific marker of myocardial damage
	NT-proBNP	N-Terminal Pro-Brain Natriuretic Peptide	Clinical diagnosis of heart failure
	BNP	Brainnatriureticpeptide	Clinical diagnosis of heart failure
	Lp-PLA2	lipoprotein associated phospholipase A2	Marker of vascular inflammation and atherosclerosis
	S100-β	S100-β protein	Marker of blood–brain barrier (BBB) permeability and central nervous
	CK-MB/cTnl	Creatine kinase-MB/cardiac troponin I	Highly sensitive and specific marker of myocardial damage
	CK-MB	Creatine kinase-MB	Highly sensitive and specific marker of myocardial damage
	Myo	Myoglobin	Sensitive marker for heart or muscle injury
	ST2	Soluble growth stimulation expressed gene 2	Clinical diagnosis of heart failure
	CK-MB/cTnl/Myo	-	Highly sensitive and specific marker of myocardial damage
	H-fabp	Heart-type fatty acid-binding protein	Clinical diagnosis of heart failure
Coagulation	D-Dimer	D-dimer	Diagnosis of coagulation
Inflammation	CRP	C-reactive protein	Evaluation of inflammation
	SAA	Serum amyloid A protein	Evaluation of inflammation
	hs-CRP+CRP	The high-sensitivity C-reactive protein +C-reactive protein	Evaluation of inflammation
	SAA/CRP	-	Virus infection
	PCT	Procalcitonin	Identification and diasnosis of bacterial infection，guiding the application of
	IL-6	Interleukin- 6	Identification and diasnosis of inflammation and infection
Health	N-MID	N-MID OsteocalcinFIA	Monitoring therapeutic treatments of Osteoporosis
	Ferritin	Ferritin	Prediction of Iron deficiency anemia
	25-OH-VD	25-Hydroxy Vitamin D	Indicator of osteoporosis (bone weakness) and rickets (bone
	VB12	Vitamin B12	Symptoms of vitamin B12 deficiency
Diabetes	HbA1c	Hemoglobin A1C	The best indicator to monitior the control of blood glucose of the diabetics

CATEGORY	PRODUCT NAME	FULL NAME	CLINICAL APPLICATION
Thyroid	TSH	Thyroid stimulating hormone	Indicators for the diagnosis and treatment of hyperthyroidism and
	T3	Triiodothyronine	Indicators for the diagnosis of hyperthyroidism
	T4	Thyroxine	Indicators for the diagnosis of hyperthyroidism
Hormone	FSH	Follicle-stimulating hormone	Assist in assessing ovarian health
	LH	Luteinizing hormone	Assist in determining pregnancy
	PRL	Prolactin	For pituitary microtumor, reproductive biology study
	Cortisol	Human Cortisol	Adrenal cortical function diagnosis
	FA	Folic acid	Prevention of fetal neural tube malformation, pregnant
	β-HCG	β-human chorionic gonadotropin	Assist in determining pregnancy
	T	Testosterone	Assist to evaluate the endocrine hormone situation
	Prog	Progesterone	Diagnosis of pregnancy
	AMH	Anti-mullerian hormone	Evaluation the fertility
	INHB	Inhibin B	Marker of remaining fertility and ovarian function
	E2	Estradiol	The main sex hormones for women
Gastric	PGI/II	Pepsinogen I, Pepsinogen II	Diagnosis of gastric mucosa injury
	G17	Gastrin 17	Gastric acid secretion, gastric health indicators
Cancer	PSA	Prostate specific antigen Prostate cancer	Assist in the diagnosis of prostate cancer
	AFP	AlPhafetoProtein	Marker of liver cancer serum
	CEA	Carcinoembryonic antigen	Assist in the diagnosis of colorectal cancer, pancreatic cancer, gastric cancer,
Renal Function	MAU	Microalbumininurine	Risk evaluation of kidney disease
	NGAL	Neutrophil gelatinase associated lipocalin	Marker of acute renal injury
Sars cov 2	SARS-CoV-2 Neutralizing	SARS-CoV-2 Neutralizing Antibody	The evluation of vaccination
	SARS-CoV-2 Antigen	SARS-CoV-2 Antigen	covid-19 test
	SARS-Cov-2 IgM/IgG	SARS-Cov-2 IgM/IgG antibody	covid-19 test with Ab

Russia

Britain Germany European

Italy

Beijing·China

Pakistan

Iran

Saudi Arabia

Thailand

Nrgeria

Tanzania

Malaysia

Indonesia

USA

Brazil

South Africa

Australia

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