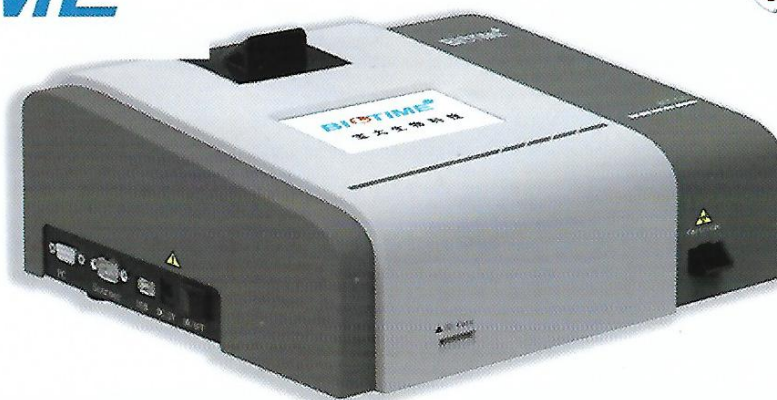




BIOT-YG-I FIA Analyzer

BIOT-YG-I FIA Analyzer is a fluorescence immunoassay analysing system which can help diagnose conditions such as cardiovascular diseases, pregnancy, infection, diabetes, renal injury and cancers, etc.

The BIOT-YG-I platform provides reliable and quantitative results of various kinds of analytes in human blood and urine within several minutes.

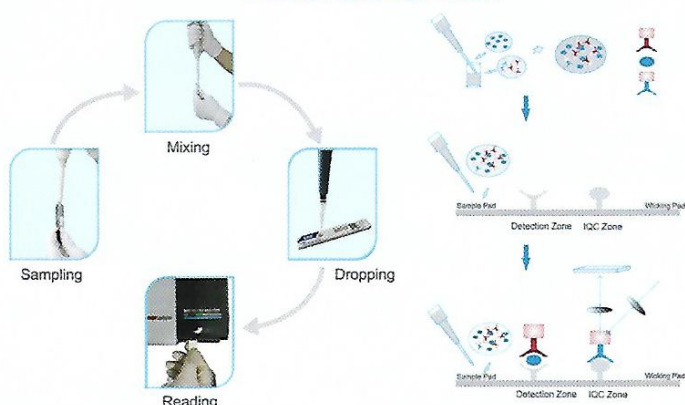
Application: Cardiology, ER, ICU, Respiratory, Pediatrics, Laboratory, etc.

Rapid
Accurate
Convenient
Reliable
Popular
Expansive

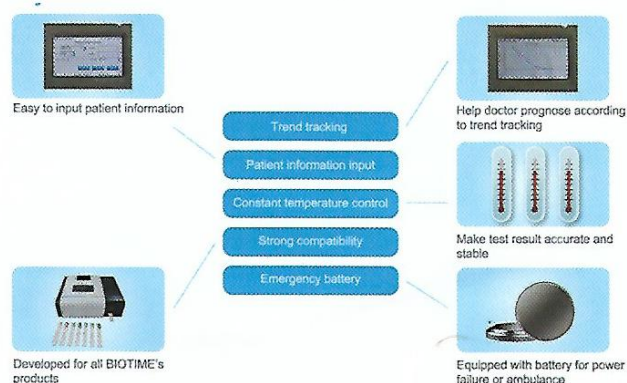
Test Item

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> • Thyroid
TSH, TT3, TT4 • Cardiac
cTnI, Myo, CK-MB, h-FABP,
D-Dimer, NT-proBNP,
3 in 1 (cTnI+Myo+CK-MB)
5 in 1 (cTnI+Myo+CK-MB+
NT-proBNP+D-Dimer) • Tumor
AFP, CEA, 2 in 1 (CEA/AFP), tPSA | <ul style="list-style-type: none"> • Infection
2 in 1 (SAA/CRP)
PCT, CRP (hsCRP+CRP), SAA • Diabetes & Renal Injury
HbA1c, MAU, NGAL, Cys-C • Hormone
β-hCG, PROG, TES, FSH, LH, PRL
3 in 1 (FSH+LH+PRL)
AMH | <ul style="list-style-type: none"> • Others
FERR • Ongoing
E2, FT3, FT4
IgE, Tg, TgAb,
CP, INS, 25-OH-VD |
|--|--|--|

Principle and Operation



Why Choose BIOT-YG



BIOT-YG-I FIA Analyzer

Fluorescence Immunoassay Rapid Quantitative Test

BIOT-YG- I Test Markers

Product Class	Test Item	Diseases	Specimen Type	Reaction Time	Linear Range	Clinical Reference	Qualification
Cardiac	cTnI	Myocardial Infarction	WB/Plasma	15 min	0.05-50ng/mL	0-0.3ng/mL	CFDA ISO13485 CE
	Myo	Myocardial Infarction	Serum/Plasma	15 min	2.5-400ng/mL	0-55ng/mL	CFDA ISO13485 CE
	CK-MB	Myocardial Infarction	Serum/Plasma	15 min	1-80ng/mL	0-5ng/mL	CFDA ISO13485 CE
	3 in1 (cTnI/Myo/CK-MB)	Myocardial Infarction	WB/Plasma	15 min	Same as individual item	Same as individual item	CFDA ISO13485 CE
	5 in1 (cTnI/Myo/CK-MB/D-Dimer/NT-proBNP)	Myocardial Infarction	WB	15 min	Same as individual item	Same as individual item	CFDA ISO13485 CE
	D- Dimer	Thrombosis	WB/Plasma	3 min	0.1-10mg/L	0-0.5mg/L	CFDA ISO13485 CE
	NT-proBNP	Heart Failure	WB/Serum/Plasma	15 min	15-35000pg/mL	>75yds 300pg/mL <75yds 450pg/mL	CFDA ISO13485 CE
	hFABP	Myocardial Infarction	Serum/Plasma	15 min	2-120ng/mL	0-7ng/mL	CFDA ISO13485
Tumor	2 in 1(AFP/CEA)	Cancer	Serum/Plasma	10 min	Same as individual item	Same as individual item	CFDA ISO13485
	AFP	Cancer	Serum/Plasma	10 min	3-2000ng/mL	0-10ng/mL	CFDA ISO13485 CE
	CEA	Cancer	Serum/Plasma	10 min	1-500ng/mL	0-5ng/mL	CFDA ISO13485
	tPSA	Cancer	Serum	15 min	0.5-200ng/mL	0-4ng/mL	CFDA ISO13485
Infection	PCT	Sepsis	WB/Serum/Plasma	15 min	0.1-100ng/mL	0-0.5ng/mL	CFDA ISO13485 CE
	hs-CRP/CRP	Inflammation	WB/Serum/Plasma	3 min	0.5-200mg/L	CRP:0-10mg/L hsCRP:0-1mg/L	CFDA ISO13485 CE
	SAA	Inflammation	WB/Serum/Plasma	3 min	3-200mg/L	0-10mg/L	CFDA ISO13485
	2 in 1(SAA/CRP)	Inflammation	WB/Serum/Plasma	3 min	Same as individual item	Same as individual item	CFDA ISO13485
Hormone	β -hCG	Fertility	Serum/Plasma	10 min	5-200000mIU/mL	0-10mIU/mL	CFDA ISO13485 CE
	PROG	Fertility	Serum	10 min	3-80ng/mL	Male NG-1.4 FP NG-1.5 OP 0.8-3.0 LP 1.7-27.0 MP NG-0.8 ETP 8.6-49.36 STP 12.5->80 LTP 59.62->80	CFDA ISO13485 CE
	3 in 1(FSH/LH/PRL)	Infertility	Serum	20 min	Same as individual item	Same as individual item	CFDA ISO13485 CE
	TES	Infertility	Serum	10 min	0.2-20ng/mL	Male 2.6-10.45ng/mL Female 0.27-0.95ng/mL	CFDA ISO13485 CE
	FSH	Infertility	Serum	20 min	1-200mIU/mL	Male 1.25-13.50 FP 0.45-15.55 OP 5.35-24.80 LP 1.65-10.25 MP 24.60-42.50	CFDA ISO13485 CE
	LH	Infertility	Serum	20 min	1-200mIU/mL	Male 1.50-9.25 FP 1.25-11.80 OP 13.15-94.75 LP 1.05-14.50 MP 7.70-64.20	CFDA ISO13485 CE
	PRL	Infertility	Serum	20 min	1-4000 μ IU/mL	Male 86.30-425.72 μ IU/mL Female 72.55-600.40 μ IU/mL	CFDA ISO13485 CE
	AMH	Fertility	Serum	10 min	0.1-25ng/mL	Male >20yds 1.4-12.0mg/L Female 10-20yds 1.0-10.0mg/L 31-40yds 0.5-8.0mg/L 41-50yds <3.0mg/L	CFDA ISO13485
	TT3	Thyroid Malfunction	Serum	15 min	0.8-10nmol/L	1.0-2.8nmol/L	CFDA ISO13485 CE
	TT4	Thyroid Malfunction	Serum/Plasma	15 min	20-320nmol/L	58-140nmol/L	CFDA ISO13485 CE
	TSH	Thyroid Malfunction	Serum/Plasma	20 min	0.5-100 μ IU/mL	0.5-5 μ IU/mL	CFDA ISO13485 CE
Diabetes& Renal injury	HbA1c	Diabetes Mellitus	WB	5 min	4-15%	4-6.5%	CFDA ISO13485 CE
	MAU	Renal Injury	Urine	10 min	2-300mg/L	0-20mg/L	CFDA ISO13485 CE
	NGAL	Renal Injury	Urine	10 min	20-5000ng/mL	0-100ng/mL	CFDA ISO13485
	Cys-C	Renal Injury	Plasma	5 min	0.4-8mg/L	0-1.2mg/L	CFDA ISO13485
Others	FERR	Anemia	Serum	15 min	2-1000ng/mL	Male: 16-220ng/mL Female:10-125ng/mL	CFDA ISO13485

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