

Test Menu

Thyroid	Infectious Disease	Fertility	Tumor marker
FT3	HIV Combo	Total β-HCG	CEA
FT4	HBsAg	FSH	AFP
T3	Anti-HBs	LH	CA125
T4	HBeAg	Prolactin	CA15-3
TSH	Anti-HBe	E2	CA19-9
Anti-TG	Anti-HBc	E3	FPSA
Anti-TPO	Anti-HCV	TESTO	TPSA
Tg	Anti-TP (Syphilis)	PROG	NSE
rT3	HBeAg quantitative*	Free testosterone*	CYFRA 21-1
TRAB*	Anti-HBc IgM*	17-OH PROG*	CA72-4
		SHBG*	PG I
		AMH*	PG II
Bone Metabolic	Cardiac	Diabetes	Anemia
Intact PTH	CK-MB	Diabetes	Ferritin
Calcitonin	Myoglobin	Insulin	Vitamin B12
Vitamin D total	Troponin I	C-peptide	Folate
	BNP		RBC Folate
Adrenal Function	Liver Fibrosis	ToRCH	Inflammation
DHEA-S	LN	Toxo IgG*	PCT
Cortisol	HA	Toxo IgM*	
ACTH	P/IIINP	Rubella IgG*	
	CIV	Rubella IgM*	
		CMV IgG*	
		CMV IgM*	
Hypertension	Growth Hormone	HSV-1/2 IgG*	
Angiotension I*	hGH*	HSV-1/2 IgM*	
Angiotension II*	IGF-1*	HSV-1 IgG*	
Renin		HSV-2 IgG*	
Aldosterone			
DS' Screening			
PAPP-A*			
Free β-HCG*			

*: in development

Technical Specifications

General Information	Measurement and Reaction System
Throughput	Up to 180 tests/hour
Measurement Principle	Photon counting
	Signal Detector
	Photomultiplier (PMT) photo counter
	PMT Calibration
	LED reference module
	incubation positions
	82
	Temperature
	Accuracy: 37±0.3 °C
	Mixing Unit
	Non-touch vortexer mixing
Sample Assembly	Cuvette Loading and Waste Collection
Sample Feeder	Continuous sample loading and offloading
Sample positions	50
Sample Probe	Steel probe, liquid level detection, clot detection, Horizontal and vertical collision protection
Sample Volume	10–200ul, with increment of 1ul
Sample Dilution	Automatic dilution with 1:2–1:40
Reagent Assembly	Working conditions
Reagent Disk	15 reagent positions, continuous loading, real-time mixing for magnetic particles
Cooling System	2–8 °C
Reagent Pack	50 tests/pack, 100 tests/pack
Reagent Scanning	Built-in/External bar code reader
Reagent Probe	Steel probe, liquid level detection, clot detection, Horizontal and vertical collision protection
Reagent Volume	10–200ul, with increment of 1ul
Substrate System	Power Supply
Substrate Bottle	300/500 tests per bottle, bottom piercing
Substrate Loading	Capable of continuous loading during testing
Substrate Heating	Constant heating
Aspiration Volume	200ul
Magnetic separation unit	input Power
Separation Assembly	3-phase magnetic separation
Temperature	Accuracy: 37±0.3 °C

Model : IA-180

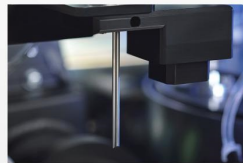
Chemiluminescence Immunoassay system



One of the world's smallest,
fully automated CLIA analyzers



Precise magnetic separation with consistent performance reliability



Solid-liquid waste separation
Environmental friendly



Wiper washing technology
Enhance efficiency and minimize carryover

IA-180 The right size for your lab



One-key start
Extremely easy to use



Intuitive software interface
Easy access to all functions



Continuously loading of
reagents and consumables



User maintenance free
Lighten the workload



Intelligent consumables management