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### **Test Menu** Thyroid

Higioid	illiectious Disease	retuity	rumor 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	
Bone Metabolic	Cardiac	AMH*	PG II	
Intact PTH	CK-MB	Diabetes	SCCA	
Calcitonin	Myoglobin	Insulin	HE4	
Vitamin D total	Troponin I BNP	C-peptide	ProGRP	
			CA50	
			CA242	
21 72 3	Liver Fibrosis	ToRCH	Anemia	
Adrenal Function	Liver Fibrosis	IOKCH	Anemia	
	LIVER FIBROSIS LN	Toxo IgG*	Ferritin	
DHEA-S				
DHEA-S Cortisol	LN	Toxo IgG*	Ferritin	
DHEA-S	LN HA	Toxo IgG* Toxo IgM*	Ferritin Vitamin B12	
DHEA-S Cortisol	LN HA PIIINP	Toxo IgG* Toxo IgM* Rubella IgG*	Ferritin Vitamin B12 Folate	
DHEA-S Cortisol ACTH	LN HA PIIINP CIV	Toxo IgG* Toxo IgM* Rubella IgG* Rubella IgM*	Ferritin Vitamin B12 Folate RBC Folate	
DHEA-S Cortisol ACTH	LN HA PIIINP CIV  Growth Hormone	Toxo IgG* Toxo IgM* Rubella IgG* Rubella IgM* CMV IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I*	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubella IgG* Rubella IgM* CMV IgG* CMV IgM*	Ferritin Vitamin B12 Folate RBC Folate	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II*	LN HA PIIINP CIV  Growth Hormone	Toxo IgG* Toxo IgM* Rubella IgG* Rubella IgM* CMV IgG* CMV IgGF	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II* Renin	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubeila IgG* Rubeila IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II*	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Anglotension I* Anglotension II* Renin Aldosterone	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II* Renin Aldosterone DS'Screening	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II* Renin Aldosterone  DS' Screening PAPP-A*	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II* Renin Aldosterone DS'Screening	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II* Renin Aldosterone  DS' Screening PAPP-A*	LN HA PIINP CIV  Growth Hormone hGH* IGF-1*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	
DHEA-S Cortisol ACTH  Hypertension Angiotension I* Angiotension II* Renin Aldosterone  DS' Screening PAPP-A*	LN HA PIIINP CIV  Growth Hormone hGH*	Toxo IgG* Toxo IgM* Rubelia IgG* Rubelia IgM* CMV IgG* CMV IgM* HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG*	Ferritin Vitamin B12 Folate RBC Folate Inflammation	

Infectious Disease

#### **Technical Specifications**

Reagent Probe

Reagent Volume

Substrate System Substrate Bottle

Substrate Heating Constant heating Aspiration Volume 200ul Magnetic separation unit

Separation Assembly 3-phase magnetic separation Temperature Accuracy: 37±0.3 °C

General Information		Measurement and Reaction System	
Throughput	Up to 180 tests/hour	Detection Mode	Photon counting
Measurement Principle		Signal Detector	Photomultiplier (PMT) photo counter
	Micron superparamagnetic particles platform	PMT Calibration	LED reference module
	With alkaline phosphatase (ALP) labeled reagents	Incubation positions	82

And AMPPD substrate Temperature Accuracy: 37±0.3 °C Non-touch vortexer mixing Mixing Unit Sample Assembly Sample Feeder Continuous sample loading and offloading Cuvette Loading and Waste Collection

Sample positions Cuvette Disposable plastic cuvette Sample Probe Steel probe, liquid level detection, clot detection, 88 cuvettes per tray, Cuvette Loading Horizontal and vertical collision protection 2 travs can be loaded in one batch. Sample Volume 10~200ul, with increment of 1ul continuous loading and offloading Sample Dilution Automatic dilution with 1:2~1:40 Waste collection Waste container, 200 cuvettes per box

50 Kg

-400m~3000m (70kpa)

Reagent Assembly Working conditions Reagent Disk 15 reagent positions, continuous loading, Power Supply 100-240V~50/60Hz real-time mixing for magnetic particles Input Power 500VA Operating Temperature 15~30 °C Cooling System 2~8°C Relative Humidity 35%RH~85%RH, without condensation Reagent Pack 50 tests/pack, 100 tests/pack 45 cm\*40 cm\*35 cm (W\*D\*H) Dimension Reagent Scanning Built-in/External bar code reader

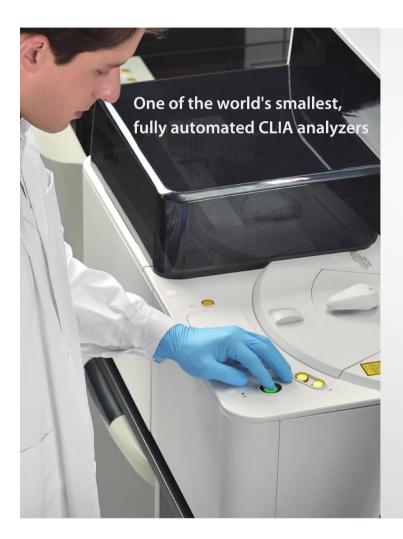
Steel probe, liquid level detection, clot detection, Weight Horizontal and vertical collision protection Altitude Height 10~200ul, with increment of 1ul

300/500 tests per bottle, bottom piercing Substrate Loading Capable of continuous loading during testing

### Model: IA-180

Chemiluminescence Immunoassay system





## IA-180 The right size for your lab



Precise magnetic separation with consistent performance reliability



Solid-liquid waste separation Environmental friendly



Wiper washing technology Enhance efficiency and minimize carryover







Continuously loading of reagents and consumables



User maintenance free Lighten the workload



One-key start Extremely easy to use



Intuitive software interface Easy access to all functions



Intelligent consumables management