

High throughput fluorescence immuno-analyzer

iCHROMA-III

- Simple, Fast, Accurate
- Suitable for the clinical laboratories
- Inbuilt thermal chamber, temperature control (25-35°)
- 12 tests available at once
- High throughput results - up to 120 tests in an hour
- Compact desktop instrument
- No consumables
- 7" touch screen LCD
- Save ID chip information to analyzer
- Multiple Cartridges testing
- LIS/HIS Connectivity



High throughput results

iCHROMA-III

Temperature
controller

Various test
items

Specifications

Model	ichroma™ III
Dimensions	240 mm x 465 mm x 340 mm
Ucgefr	11 Kg
Analyzer input	100~240V AC, 50~60Hz, 1.8A
User Interface	7" Touch-screen LCD
Data Output	Internal Printer/RS-232 port
Operating temperature	15°C to 35°C
Connectivity	RS-232 4 USB port / LAN port SD card slot
Memory	2,000 patients 2,000 QC results 1,000 System Check 500 ID chip info
Capacity	12 assays in one test set





Category	Item	Sample type	Working range
Cardiac	Tn-I	S/P	0.1-50.0 ng/mL
	Tn-I Plus	WB/S/P	0.01-15 ng/mL
	CK-MB	WB/S/P	3-100 ng/mL
	D-Dimer	WB/P	50-10,000 ng/mL
	NT-proBNP	WB/S/P	10-30,000 pg/mL
	Myoglobin	WB/S/P	5-500 ng/mL
	hsCRP	WB/S/P	0.1-10.0 mg/L
	Cardiac Triple	WB/S/P	Tn-I 0.01-15 ng/mL CK-MB 3-100 ng/mL Myoglobin 5-500 ng/mL
Cancer	ST2	WB/S/P	3.1-200 ng/mL
	PSA	S/P/WB	0.1-100.0 ng/mL (WB:0.5-100.0 ng/mL)
	PSA Plus	WB/S/P	0.07-50 ng/mL
	AFP	WB/S/P	5-350 ng/mL
	AFP Plus	WB/S/P	0.5-350 ng/mL
	CEA	S/P	1-500 ng/mL
	CEA Plus	S/P	0.5-200 ng/mL
	iFOB Neo	Feces	25-1,000 ng/mL
Diabetes	HbA1c	WB	(NGSP) 4-15 %
	Microalbumin	Urine	2-300 mg/L
	Cystatin C	S/P	0.1-7.5 mg/L
Hormone	TSH	S/P	0.1-100.0 µIU/mL
	TSH Plus	WB/S/P	0.1-50.0 µIU/mL
	T3	S/P	0.77-7.70 nmol/L
	T4	S/P	10.23-300.00 nmol/L
	FSH	S/P	1-100 mIU/mL
	Progesterone	S/P	4.45-127.20 nmol/L
	β-HCG	WB/S/P	5-50,000 mIU/mL
	β-HCG Plus	WB/S/P	2-5,000 mIU/mL
	LH	S/P	1-100 mIU/mL
	PRL	S/P	1-100 ng/mL
	Testosterone	S/P	1-10 ng/mL
	Cortisol	WB/S/P	80-800 nmol/L
	AMH	S/P	0.02-10 ng/mL
Infection	COVID-19 Ag	Nasopharyngeal swab	qualitative
	COVID-19 Ab	WB/S/P	qualitative
	COVID-19/Flu Ag Combo	Nasopharyngeal swab	qualitative
	CRP	WB/S/P	2.5-300.0 mg/L
	PCT	WB/S/P	0.1-100.0 ng/mL
	PCT Plus	WB/S/P	0.02-50 ng/mL
	ASO	S/P	25-800 IU/mL
	ROTA	Feces	qualitative (0-200 COI)
	NORO	Feces	qualitative (0-200 COI)
	Rota/Adeno	Feces	qualitative (0-200 COI)
	Dengue IgG/IgM	WB/S/P	qualitative (0-200 COI)
	Dengue NS1 Ag	WB/S/P	qualitative (0-200 COI)
	IL-6	WB/S/P	2 - 2,500 pg/mL
Autoimmune	RF IgM	WB/S/P	8-200 IU/mL
	Anti-CCP Plus	WB/S/P	3.5-300 U/mL
	Total IgE	WB/S/P	1.00-1,000 IU/mL
Others	Ferritin	S/P	10-1,000 ng/mL
	Vitamin D*	S/P	8-70 ng/mL
	Calprotectin	Feces	10-1,000 mg/kg
	H.pylori SA	Feces	qualitative

*Additional thermal chamber is needed

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