

High throughput fluorescence immuno-analyzer

# iCHROMA-III

- High throughput results
- Random access
- Multi cartridges testing
- Temperature control (25 – 35 °C)
- LIS/HIS connectivity



# iCHROMA-III

- Simple, Fast, Accurate
- Suitable for the clinical laboratories
- No need thermal chamber
- 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



High throughput results

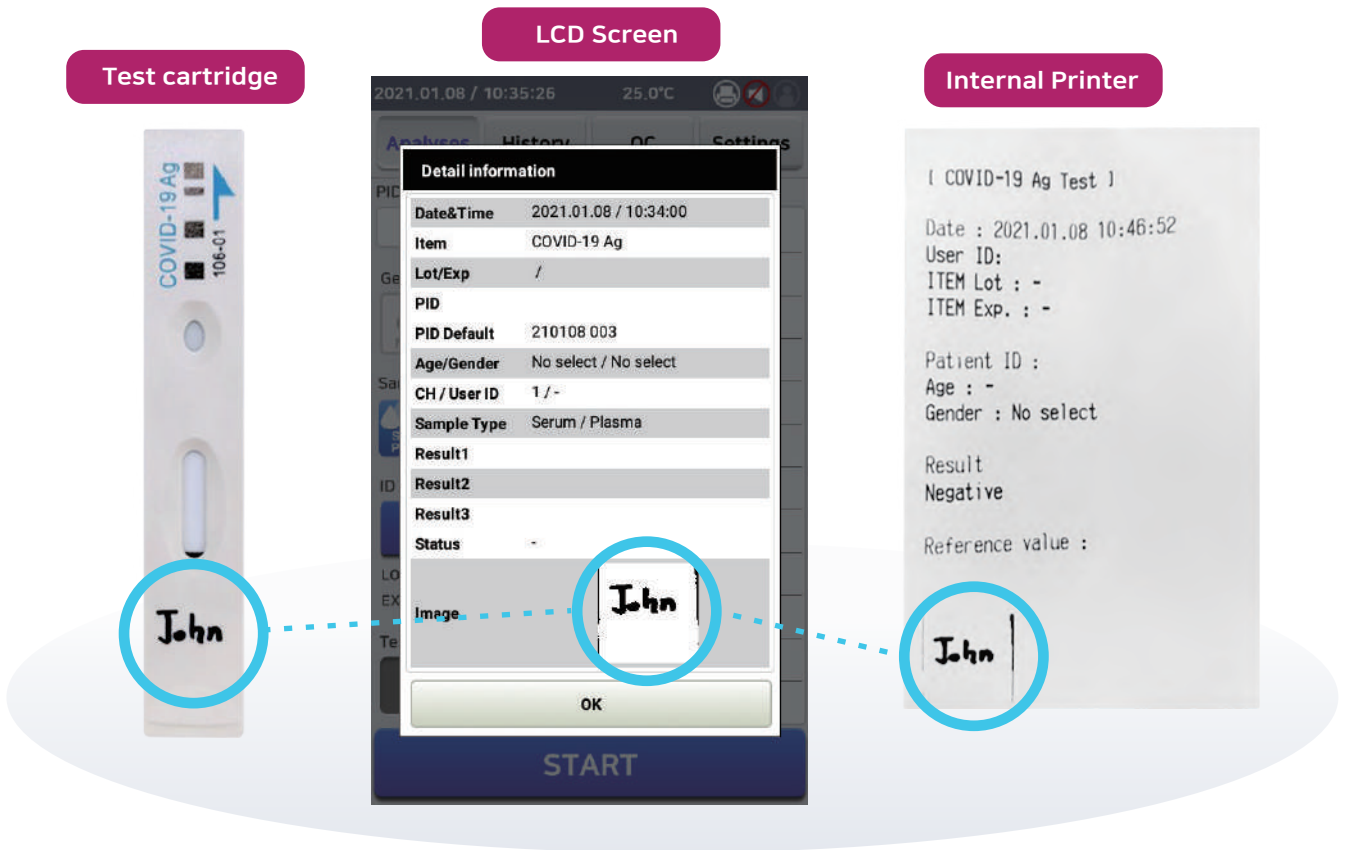
**iCHROMA-III**

Temperature controller

Various test items



- Hand writing printing



- Specifications

Model	ichroma™ III
Dimensions	240 mm (L) x 465 mm (W) x 341 mm (H)
Weight	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

- Ordering information

Product	ichroma™ III
Cat #	FPRR037





# ichroma™ Parameters



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Category	Item	ichroma™ II	ichroma™ III	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
Hormone	Cystatin C	●	●	S/P	0.1-7.5 mg/L
	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
	HBsAg	●	●	WB/S/P	qualitative (0-300 COI)
	Anti-HBs	●	●	WB/S/P	0-500 mIU/mL
	Anti-HCV	●	●	WB/S/P	qualitative (0-300 COI)
	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)
	Influenza A+B	●	●	Nasopharyngeal swab/ Nasal aspirate	FluA: 1.4 x 10 <sup>3</sup> pfu/mL FluB: 0.5 TCID <sub>50</sub> /mL
	RSV	●	●	Nasopharyngeal swab/ Nasal aspirate	qualitative
	Autoimmune	IL-6	●	●	WB/S/P
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