

High throughput fluorescence immuno-analyzer

# iCHROMA-III

- Random access for various parameters
- Continuous testing
- Flexible temperature control
- Patient ID handwriting for user convenience



# iCHROMA-III

- Simple, Fast, Accurate
- Suitable for the clinical laboratories
- No need thermal chamber
- 12 tests available at once
- Compact desktop instrument
- No consumables
- 7" touch screen LCD
- ID chip memory function
- LIS/HIS connectivity



High throughput results

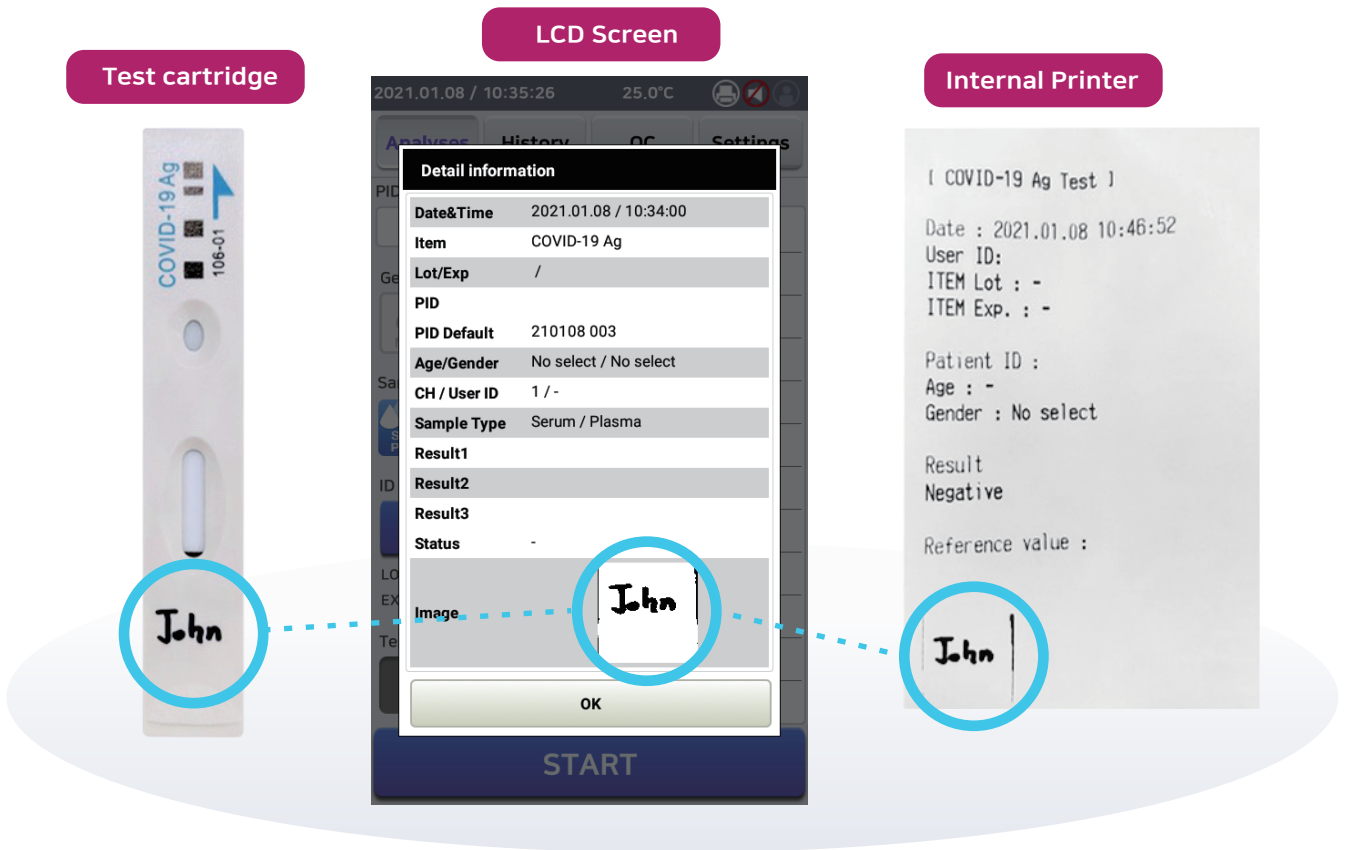
**iCHROMA-III**

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	5,000 patients 1,000 QC results 500 ID chip info
Capacity	12 assays in one test set

- Ordering information

Product	ichroma™ III
Cat #	FPRR037





# ichroma™ Parameters

Category	Item	ichroma™ II	ichroma™ III	Sample type	Working range	Test time (min)
Cardiac	Tn-I	●	●	S/P	0.1-50.0 ng/mL	12
	Tn-I Neo	●	●	S/P	0.1-50.0 ng/mL	12
	Tn-I Plus	●	●	WB/S/P	0.01-15 ng/mL	12
	CK-MB	●	●	WB/S/P	3-100 ng/mL	12
	CK-MB Neo	●	●	WB/S/P	3-100 ng/mL	12
	D-Dimer	●	●	WB/P	50-10,000 ng/mL	12
	D-Dimer Neo	●	●	WB/P	50-10,000 ng/mL	12
	NT-proBNP	●	●	WB/S/P	10-30,000 pg/mL	12
	Myoglobin	●	●	WB/S/P	5-500 ng/mL	12
	Myoglobin Neo	●	●	WB/S/P	5-500 ng/mL	12
	hsCRP	●	●	WB/S/P	0.1-10.0 mg/L	3
	Cardiac Triple	●	●	WB/S/P	Tn-I: 0.01-15 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL	12
	ST2	●	●	WB/S/P	3.1-200 ng/mL	12
	BNP	●	●	WB/P	5-5,000 pg/mL	12
	Troponin T	●	●	WB/S/P	10-20,000 pg/mL	12
LDL Cholesterol Direct	●	●	S/P	10-300 mg/dL	10	
Cancer	PSA	●	●	WB/S/P	S/P: 0.1-100.0 ng/mL (WB: 0.5-100.0 ng/mL)	15
	AFP	●	●	WB/S/P	5-350 ng/mL	15
	CEA	●	●	S/P	1-500 ng/mL	12
Diabetes	iFOB Neo	●	●	Feces	25-1,000 ng/mL	10
	HbA1c	●	●	WB	(NGSP) 4-15 %	12
	HbA1c Neo	●	●	WB	(NGSP) 4-15 %	12
	Microalbumin	●	●	Urine	2-300 mg/L	12
Hormone	Cystatin C	●	●	S/P	0.1-7.5 mg/L	10
	TSH	●	●	S/P	0.1-100.0 µIU/mL	12
	TSH Plus	●	●	WB/S/P	0.1-50 µIU/mL	12
	T3	●	●	S/P	0.5-5.0 ng/mL (0.77-7.7 nmol/L)	16
	T4	●	●	S/P	10.23-300.00 nmol/L	16
	FSH	●	●	S/P	1-100 mIU/mL	15
	Progesterone	●	●	S/P	4.45-127.20 nmol/L	15
	Total βhCG	●	●	WB/S/P	5-50,000 mIU/mL	15
	β-HCG Plus	●	●	WB/S/P	2-5,000 mIU/mL	12
	LH	●	●	S/P	1-100 mIU/mL	15
	PRL	●	●	S/P	1-100 ng/mL	10
	Testosterone	●	●	S/P	1-10 ng/mL	15
	Cortisol	●	●	WB/S/P	50-800 nmol/L	10
	AMH	●	●	S/P	0.02-15 ng/mL	12
	Infection	COVID-19 Ag	●	●	NS	Qualitative
COVID-19 Ab		●	●	WB/S/P	Qualitative	10
COVID-19/Flu Ag Combo		●	●	NS	Qualitative	20
COVID-19 nAb		●	●	WB/S/P	Qualitative	20
COVID-19 SP/NP IgG		●	●	S/P	Qualitative	10
CRP		●	●	WB/S/P	2.5-300.0 mg/L	3
hsCRP All in one		●	●	WB/S/P	0.5-200 mg/L	3
PCT		●	●	WB/S/P	0.1-100.0 ng/mL	12
PCT Plus		●	●	WB/S/P	0.02-50 ng/mL	12
PCT Plus G		●	●	WB/S/P	0.02-50 ng/mL	12
IL-6		●	●	WB/S/P	2-2,500 pg/mL	12
ASO		●	●	S/P	25-800 IU/mL	12
Dengue NS1 Ag		●	●	WB/S/P	Qualitative	12
Dengue IgG/IgM		●	●	WB/S/P	Qualitative	12
HBSAg		●	●	WB/S/P	Qualitative	12
Anti-HBs		●	●	WB/S/P	Qualitative	15
Anti-HCV		●	●	WB/S/P	Qualitative	12
Influenza A+B		●	●	NS/Nasal aspirate	Qualitative	10
RSV		●	●	NS/Nasal aspirate	Qualitative	10
Influenza A+B/RSV		●	●	NS/Nasal aspirate	Qualitative	10
NORO		●	●	Feces	Qualitative	12
ROTA		●	●	Feces	Qualitative	12
Adeno		●	●	NS/Nasal aspirate	Qualitative	10
Rota/Adeno		●	●	Feces	Qualitative	12
Strep A		●	●	Throat swab	Qualitative	5
Mycoplasma	●	●	Throat swab	Qualitative	10	
IGRA-TB 25	●	●	P	Qualitative	15	
Toxo IgG/IgM	●	●	WB/S/P	Qualitative	12	
Autoimmune	RF IgM	●	●	WB/S/P	8-200 IU/mL	5
	Anti-CCP Plus	●	●	WB/S/P	3.5-300 U/mL	12
	Total IgE	●	●	WB/S/P	1-1,000 IU/mL	12
Liver function	AST	●	●	S/P	10-1,000 U/L	15
	Ferritin	●	●	S/P	10-1,000 ng/mL	10
Other test items	Vitamin D	●	●*	S/P	8-70 ng/mL	28
	Vitamin D Neo	●	●	WB/S/P	5-100 ng/mL	12
	Calprotectin	●	●	Feces	10-1,000 mg/kg feces	10
	H.pylori SA	●	●	Feces	Qualitative	12

WB = Whole blood, S = Serum, P = Plasma, NS = Nasopharyngeal swab

\* Additional thermal chamber is needed