

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

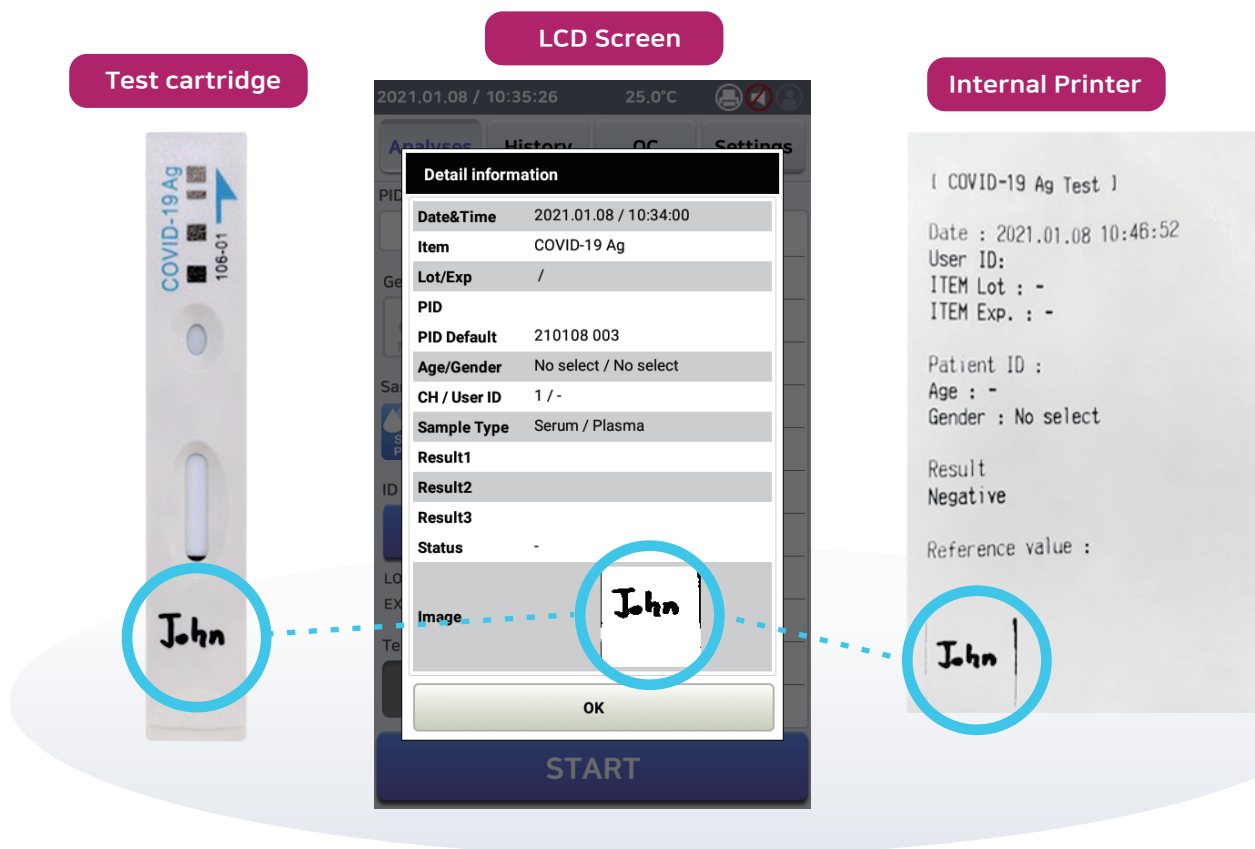
iCHROMA-III

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	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	0.01-15.00 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
Cancer	Troponin T	WB/S/P	10-20,000 pg/mL	12
	LDL Cholesterol Direct	S/P	10-300 mg/dL	10
	Free PSA*	WB/S/P	0.05-50 ng/mL	12
	AFP	WB/S/P	5-350 ng/mL	15
	AFP Neo	WB/S/P	5-350 ng/mL	15
	CEA	S/P	1-500 ng/mL	12
	CEA Neo	WB/S/P	1-500 ng/mL	15
	IFOB Neo	Feces	25-1,000 ng/mL	10
Diabetes	Cyfra21-1	S/P	1-500 ng/mL	12
	CA19-9	S/P	8-1000 U/mL	12
	HbA1c	WB	(NGSP) 4-15 %	12
	HbA1c Neo	WB	(NGSP) 4-15 %	12
Hormone	Microalbumin	Urine	2-300 mg/L	12
	Cystatin C	S/P	0.1-7.5 mg/L	10
	Insulin	S/P	2-300 µIU/mL	12
	TSH	WB/S/P	0.09-100.0 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
	Free T4	WB/S/P	1-100 pmol/L	12
	FSH	S/P	1-100 mIU/mL	15
	Progesterone	S/P	4.45-127.20 nmol/L	15
	β-HCG	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	0.5-12 ng/mL	12
	Cortisol	WB/S/P	50-800 nmol/L	10
	AMH	S/P	0.02-15 ng/mL	12
	PTH	WB/S/P	30-3,000 pg/mL	12
Infection	COVID-19 Ag	NS	qualitative	12
	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 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
	Anti-HBs*	WB/S/P	qualitative	15
	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 IgM*	WB/S/P	qualitative	12
	Toxo IgG*	WB/S/P	qualitative	12
	Toxo IgG/IgM*	WB/S/P	qualitative	12
	Rubella IgM*	WB/S/P	qualitative	12
	Rubella IgG*	WB/S/P	qualitative	12
	CMV IgM*	WB/S/P	qualitative	12
	CMV IgG*	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 (Semi-quantitative)	12
	Total IgE	WB/S/P	1-1,000 IU/mL	12
Liver function	AST	S/P	10-1,000 U/L	15
Other test items	Ferritin	S/P	10-1,000 ng/mL	10
	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
	KL-6	S/P	51-3,000 U/mL	10

* No CE mark

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

BR-EN-ichroma II_231031_4P_RevA05