

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

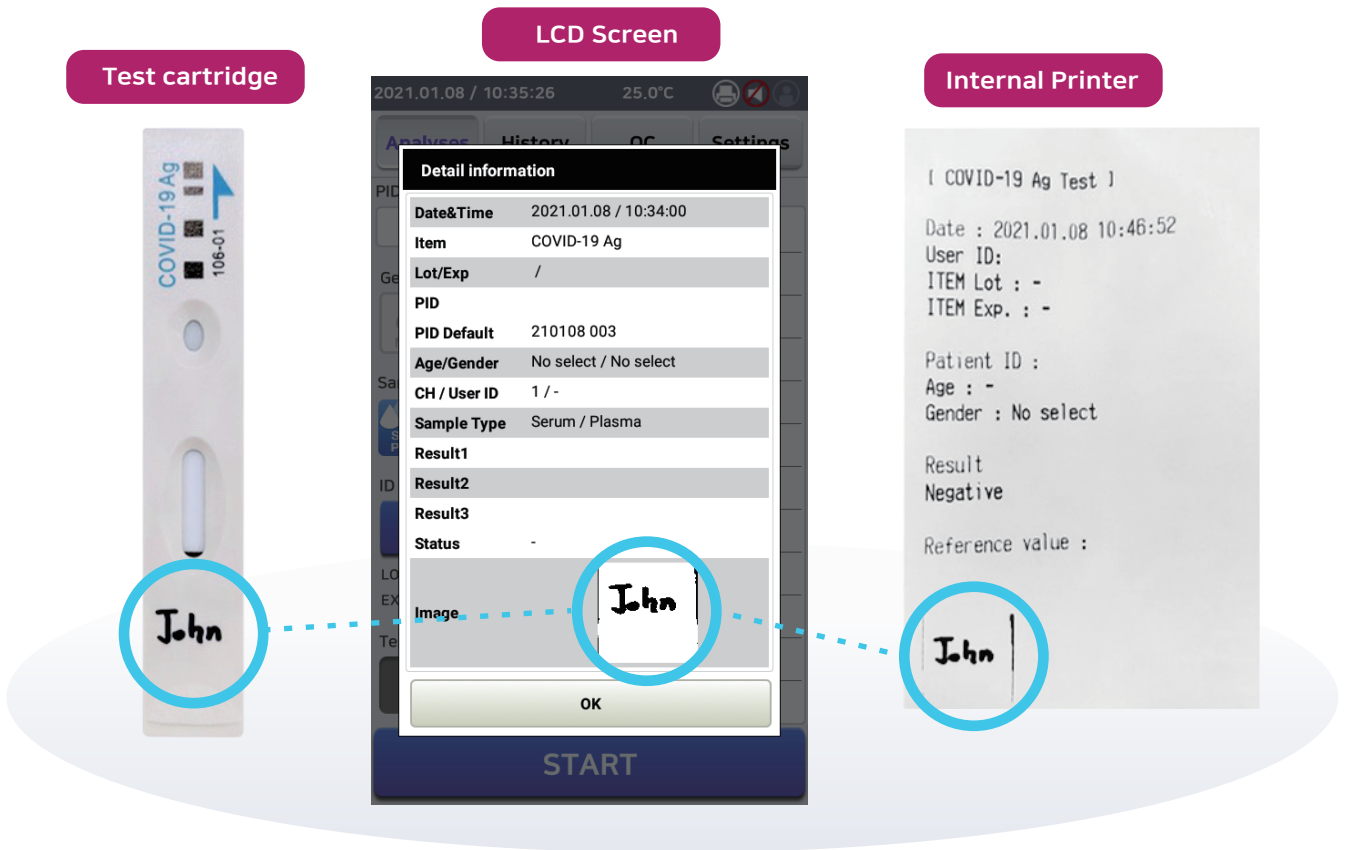
iCHROMA-III

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	
	Troponin T	WB/S/P	10-20,000 pg/mL	12	
Cancer	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	
	Cyfra21-1	S/P	1-500 ng/mL	12	
	CA19-9	S/P	8-1000 U/mL	12	
	Diabetes	HbA1c	WB	(NGSP) 4-15 %	12
HbA1c Neo		WB	(NGSP) 4-15 %	12	
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	
Hormone	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	
	Ferritin	S/P	10-1,000 ng/mL	10	
Other test items	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



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