

# ichroma™ Parameters



Category	Item	ichroma™ II	ichroma™ III	ichroma™-50	ichroma™ M2	ichroma™ M3	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
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
	iFOB Neo	●	●	●		●	Feces	25-1,000 ng/mL	10
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
Hormone	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	

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

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Category	Item	ichroma™ II	ichroma™ III	ichroma™-50	ichroma™ M2	ichroma™ M3	Sample type	Working range	Test time (min)
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
	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				●		P	Qualitative	15
	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
Other test items	Ferritin	●	●			●	S/P	10-1,000 ng/mL	10
	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

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