

ASSAY SPECIFICATION



Category	Article No	Paramètre	Sample types	Assay duration	Sample volume	Cut-Off value	Measuring range	Certifications
INFLAMMATION	HCLIA15101	CRP	S/P/W	3min	5 µL	≤10.0 mg/L	0.5~320 mg/L	NMPA CE
	HCLIA15104	SAA	S/P/W	3min	5 µL	≤6.4 mg/L	3~200 mg/L	NMPA CE
	HCLIA15103	IL-6	S/P	15min	100 µL	≤7 pg/mL	1.5~5000 pg/mL	NMPA CE
	HCLIA15102	PCT	S/P	5min	200 µL	Refer to user Manual	0.02~100 ng/mL	NMPA CE
	HCLIA15132	KL-6	S/P	5min	50 µL	≤400 U/mL	50~5000 U/mL	NMPA CE
	HCLIA15131	HBP	P	5min	50 µL	≤11.40 ng/mL	5.9~300 ng/mL	NMPA CE
CARDIAC	HCLIA15124	D-dimer	P	5min	50 µL	0.5 mg/L	0.25~20 mg/L	NMPA CE
	HCLIA15128	BNP	P	5min	100 µL	100 ng/mL	15~5000 pg/mL	NMPA CE
	HCLIA15127	NT-proBNP	S/P	5min	100 µL	125 pg/mL	15~35000 pg/mL	NMPA CE
	HCLIA15125	CK-MB	S/P	5min	50 µL	Male: 4.87 ng/mL Female: 3.61 ng/mL	0.3~300 ng/mL	NMPA CE
	HCLIA15126	Myo	S/P	5min	50 µL	Male: 28-72 ng/mL Female: 25-58 ng/mL	21~3000 ng/mL	NMPA CE
	HCLIA15123	hs-cTnT	S/P	10min	200 µL	≤14 ng/L	5~10000 ng/L	NMPA CE
THYROID	HCLIA15109	FT4	S/P	5min	50 µL	12~22 pmol/L	0.5~100 pmol/L	NMPA CE
	HCLIA15108	FT3	S/P	5min	50 µL	3.1~6.8 pmol/L	0.6~50 pmol/L	NMPA CE
	HCLIA15107	TT4	S/P	5min	50 µL	66~181 nmol/L	5.4~320 nmol/L	NMPA CE
	HCLIA15106	TT3	S/P	5min	50 µL	1.3~3.1 nmol/L	0.3~10 nmol/L	NMPA CE
	HCLIA15110	TSH	S/P	10min	200 µL	0.270~4.20 µIU/mL	0.005~100 µIU/mL	NMPA CE
	HCLIA15121	tPSA	S/P	5min	50 µL	<4 ng/mL	0.014~100 ng/mL	★
TUMOR MARKERS	HCLIA15122	tPSA	S/P	5min	50 µL	Refer to IFU	0.018~50 ng/mL	★
	HCLIA15118	beta-hCG	S/P	5min	50 µL	<5 mIU/mL	0.5~5000 mIU/mL	CE
HORMONES FERTILITY	HCLIA15114	Prolactin	S/P	5min	100 µL	Refer to IFU	1~10000 µIU/mL	CE
	HCLIA15111	Prog	S/P	5min	100 µL	Refer to IFU	0.05~60 ng/mL	CE
	HCLIA15119	Cortisol	S/P	5min	100 µL	Refer to IFU	0.054~63.4 µg/dL	CE
	HCLIA15116	FSH	S/P	10min	100 µL	Refer to IFU	0.1~200 mIU/mL	CE
	HCLIA15117	AMH	S/P	15min	100 µL	Refer to IFU	0.01~23 ng/mL	CE
	HCLIA15112	Testosterone	S/P	15min	100 µL	Refer to IFU	0.025~15 ng/mL	CE
	HCLIA15115	LH	S/P	15min	100 µL	Refer to IFU	0.1~200 mIU/mL	CE
	HCLIA15113	Estradiol	S/P	15min	100 µL	Refer to IFU	18.4~11010 pmol/L	CE
DIABETES	HCLIA15105	HbA1c	WB	5min	5 µL	Refer to IFU	3.5~20%	NMPA CE
BONE METABOLISM	HCLIA15129	25-OH VD	S/P/W	10min	20 µL	≥30 ng/mL, sufficient	30~150 ng/mL	NMPA CE
ANEMIA	HCLIA15130	AB12	S/P	15min	100 µL	>27 pmol/L	5~146 pmol/L	CE
ALLERGY	HCLIA15120	IgE	S/P	5min	50 µL	Refer to user Manual	0.1~2500 IU/mL	CE

Renal Function*	CysC mAlb β2-MG NGAL	Cytokines	INF-α INF-g
Tumor Markers*	AFP CEA SCC PG I PG II CA125 CA199 CA15-3 CA50 CA242 CA72-4 G17 NSE HE4		
Infectious Disease*	Anti-HCV Anti-TP Anti-HIV HbsAg HbsAb HbeAg HbeAb HbcAb Anti-HBs H.pylori Dengue NS1 Ag		
Specific Protein* and Rheumatism	RF ASO Anti-CCP	Others*	Insulin ST2 sFLT-1 PLGF

*: coming soon

C5000

Homogeneous CLIA System



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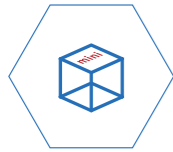
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ADVANTAGE



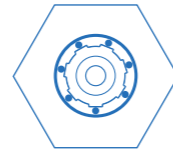
Compact

A4 Size footprint



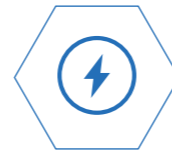
Maintenance-free

600 days MTBF



Test Capacities

7 detection channels



Fast

3 min

REAGENT



Lyophilized Beads
Adaptable to complex transportation environments

Individual packaging
Avoids reagent waste

Long shelf-life
Maximum 18 months long shelf life

EASY ACCESS



C5000 TECHNICAL SPECIFICATIONS

Measurement principle	Homogeneous Chemiluminescence Immunoassay
System description	quantitative assay, random access
Test capacities	7 independent test positions
Sample types	serum, plasma, whole blood, capillary blood
Throughput	up to 120 tests/hour, time to first result=3 minutes
UI	7" LCD touchscreen
Temperature management	Onboard incubation, 37°C±5

ENVIRONMENTAL FEATURES

Electrical	AC110~220V±22V, Frequency: 50±1Hz
Operating temperature/humidity	10 ~ 30 °C, 30% ~ 70%
Atmosphere pressure	85 ~ 106kpa
Dimensions	Height: 325mm
	Width: 231mm
	Depth: 213mm
Weight	7kg

REAGENT AND CONSUMABLES

Reagent description	Lyophilized beads, individually packaged
Storage and stability	Up to 18 months shelf-life at 2-30°C
Consumables	Substrate: 250mL, Buffer: 250mL

RESULTS MANAGEMENT AND CONNECTIVITY

Viewing and editing	Search by date
Connectivity	USB Type A x2;
	COM x1
	LAN x1
	LIS