



Revolutionizing Diagnostic Testing with Chemiluminescence Technology !!!

Versatile Applications
Hospital
Clinical department
Emergency Treatment
Ambulance
Rural Healthcare centre

QUICKLAB®
CE ISO 13485 : 2016 CERTIFIED

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SPECIFICATION

Specification	C5000 "CRET Technology"
Principle	Homogeneous Chemiluminescence Immunoassay
Time to first result	3 min
Testing Capacities	7 detection channels
Display Screen	7inch LCD
Sample Type	Whole blood/Serum/Plasma Oropharyngeal/Nasopharyngeal swab, etc.
Precision	Whole blood CV< 5%
Throughput	80T/h
Dimension	325mm*231mm*213mm
Weight	<7kg

ADVANTAGE



Compact
A4 Size footprint



Fast
3 min



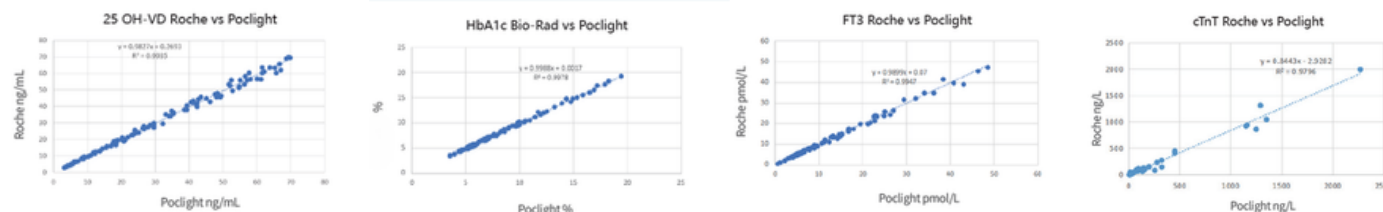
Maintenance-free
600 days MTBF



Test Capacities
7 detection channels

*Catalog images and specifications are subject to change.

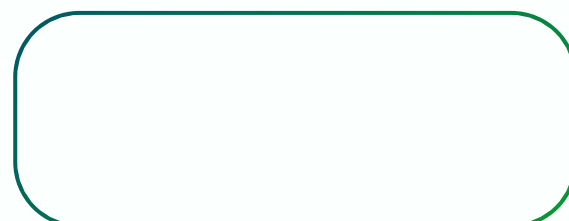
ASSAY PERFORMANCE



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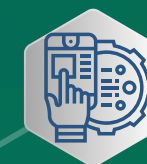


QUICKCLIA C5000

5th - Generation Chemiluminescence Analyzer with CRET Technology
Dry CLIA (Chemiluminescence Immunoassay) Analyzer



Results in 3min
Provides fast and accurate diagnostic results within minutes.



User-Friendly
Easy setup and operation for seamless diagnostics.



High Sensitivity
Advanced chemiluminescence technology ensures precise results.



No Cold Chain
Simplified reagent storage with 18-month shelf life.

Dry Micro

Chemiluminescence Immunoassay Analyzer

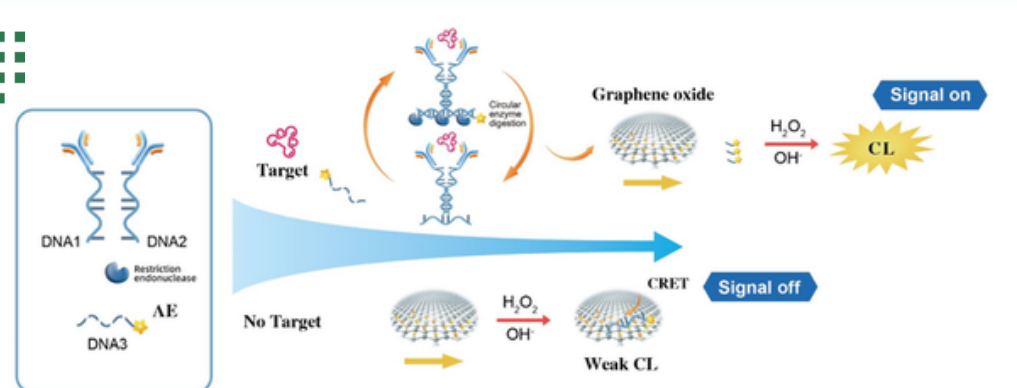


325mm×231mm×213mm



PRINCIPLE

Chemiluminescence
Resonance Energy
Transfer (CRET)



REAGENT



Lyophilized Beads
Adaptable to complex
transportation environments

Individual
packaging Avoids
reagent waste

Long shelf-life
Maximum 18 months
long shelf life

EASY ACCESS



Adding sample

Placing sample

Read the result

ASSAY SPECIFICATION

Category	REF	Parameter	Sample types	Assay duration	Sample volume	Cut-Off value	Measuring Range
INFLAMMATION	HCLIA15101	CRP	S/P/W	3min	5 µL	≤10.0 mg/L	0.5~320 mg/L
	HCLIA15104	SAA	S/P/W	3min	5 µL	≤6.4 mg/L	3~200 mg/L
	HCLIA15103	IL-6	S/P	15min	100 µL	≤7 pg/mL	1.5~5000 pg/mL
	HCLIA15102	PCT	S/P	5min	200 µL	Refer to IFU	0.02~100 ng/mL
	HCLIA15132	KL-6	S/P	5min	50 µL	≤400 U/mL	50~5000 U/mL
CARDIAC	HCLIA15131	HBP	P	5min	50 µL	≤11.40 ng/mL	5.9~300 ng/mL
	HCLIA15124	D-dimer	P	5min	50 µL	0.5 mg/L	0.25~20 mg/L
	HCLIA15128	BNP*	P	5min	100 µL	100 ng/mL	15~5000 pg/mL
	HCLIA15127	NT-proBNP	S/P	5min	100 µL	125 pg/mL	15~35000 pg/mL
	HCLIA15125	CK-MB	S/P	5min	50 µL	Male: 4.87 ng/mL Female: 3.61 ng/mL	0.3~300 ng/mL
THYROID	HCLIA15126	Myo	S/P	5min	50 µL	Male: 28-72 ng/mL Female: 25-58 ng/mL	21~3000 ng/mL
	HCLIA15123	hs-cTnT	S/P	10min	200 µL	≤14 ng/L	5~10000 ng/L
	HCLIA15109	FT4	S/P	5min	50 µL	12~22 pmol/L	0.5~100 pmol/L
	HCLIA15108	FT3	S/P	5min	50 µL	3.1~6.8 pmol/L	0.6~50 pmol/L
	HCLIA15107	TT4	S/P	5min	50 µL	66~181 nmol/L	5.4~320 nmol/L
TUMOR MARKERS	HCLIA15106	TT3	S/P	5min	50 µL	1.3~3.1 nmol/L	0.3~10 nmol/L
	HCLIA15110	TSH	S/P	10min	50 µL	0.27~4.20 µIU/mL	0.005~100 µIU/mL
	HCLIA15121	tPSA	S/P	5min	50 µL	<4 ng/mL	0.014~100 ng/mL
	HCLIA15122	fPSA	S/P	5min	50 µL	Refer to IFU	0.018~50 ng/mL
	HCLIA15138	CEA*	S/P	5min	50 µL	5 ng/mL ; 6.5 ng/mL	0.2~1000 ng/mL
HORMONES FERTILITY	HCLIA15139	AFP*	S/P	5min	50 µL	7.0 ng/mL	0.500-1000 ng/mL
	HCLIA15140	CYFRA21-1*	S/P	5min	50 µL	3.3 ng/mL	0.100~500 ng/mL
	HCLIA15141	CA199*	S/P	5min	50 µL	34 U/mL	0.600~1000 U/mL
	HCLIA15142	CA125*	S/P	5min	50 µL	35 U/mL	0.600~5000 U/mL
	HCLIA15118	beta-hCG	S/P	5min	50 µL	<5 mIU/mL	0.5~5000 mIU/mL
DIABETES	HCLIA15114	Prolactin	S/P	5min	100 µL	Refer to IFU	1~10000 µIU/mL
	HCLIA15111	Prog	S/P	5min	100 µL	Refer to IFU	0.05~60 ng/mL
	HCLIA15119	Cortisol	S/P	5min	100 µL	Refer to IFU	0.054~63.4 µg/dL
	HCLIA15116	FSH	S/P	10min	100 µL	Refer to IFU	0.1~200 mIU/mL
	HCLIA15117	AMH	S/P	15min	100 µL	Refer to IFU	0.01~23 ng/mL
BONE METABOLISM	HCLIA15112	Testosterone	S/P	15min	100 µL	Refer to IFU	0.025~15 ng/mL
	HCLIA15115	LH	S/P	15min	100 µL	Refer to IFU	0.1~200 mIU/mL
	HCLIA15113	Estradiol	S/P	15min	100 µL	Refer to IFU	18.4~11010 pmol/L
	HCLIA15105	HbA1c	WB	5min	5 µL	4.0~6.0%	3.5~20%
	HCLIA15134	Insulin	S/P	5min	100 µL	1.9-23 µIU/mL	0.2~300 µIU/mL
ANEMIA	HCLIA15129	25-OH VD	S/P/W	10min	20 µL	≥30 ng/mL, sufficient	3~150 ng/mL
	HCLIA15130	AB12	S/P	15min	100 µL	>27 pmol/L	5~146 pmol/L
ALLERGY	HCLIA15133	Ferritin	S/P	5min	20 µL	Male: 30-400 ng/mL Female: 13-150 ng/mL	0.5-2000 ng/mL
	HCLIA15120	IgE	S/P	5min	50 µL	Refer to IFU	0.1~2500 IU/mL
PREECLAMPSIA	HCLIA15135	sFlt-1*	S/P	5min	100 µL	Refer to IFU	10~85000 pg/mL
	HCLIA15136	PlGF*	S/P	5min	100 µL	Refer to IFU	3~10000 pg/mL

Others*

Anti-CCP | cTnI | PG_I | PG_{II} | HE4 | CA15-3

*Coming soon