



Revolutionizing Diagnostic Testing with Chemiluminescence Technology !!!

Versatile Applications
Hospital
Clinical department
Emergency Treatment
Ambulance
Rural Healthcare centre

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

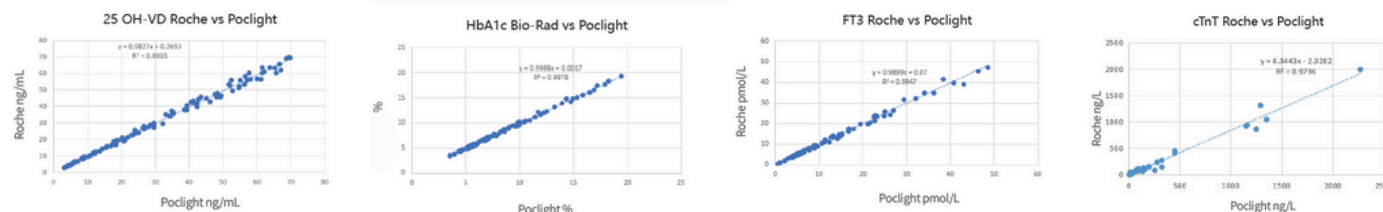
Fast
3 min

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

"Compact & Accurate Point-of-Care CLIA Analyzer"

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



DEMO VIDEO



325mm×231mm×213mm

REAGENT



No cold chain

Lyophilized Beads

Lyophilized Beads
Adaptable to complex
transportation environments

Individual
packaging Avoids
reagent waste

Long shelf-life
Maximum 18 months
long shelf life



No Cold Chain Need

No Refrigerators Need

EASY ACCESS



Adding sample

Placing sample

Read the result

ASSAY SPECIFICATION

| Category | Cat.# | Item | Sample Types | Assay Duration | Sample volume | Cut-Off value | Measuring range |
|--------------------|-------|--------------------|--------------|----------------|---------------|---|-------------------|
| INFLAMMATION | HA06 | CRP | S/P/W | 3min | 5µL | ≤10mg/L, Normal | 1-350 mg/L |
| | HA07 | SAA | S/P/W | 3min | 5µL | ≤6.4mg/L, Normal | 3-200 mg/L |
| | HA09 | IL-6 | S/P | 15min | 100µL | ≤7pg/mL, Normal | 1.5-5000 pg/mL |
| | HA08 | PCT | S/P | 5min | 200µL | Refer to user Manual | 0.02-100 ng/mL |
| | HA12 | KL-6 | S/P | 5min | 50µL | ≤400 U/mL | 50-5000 U/mL |
| | HA10 | HBP | P | 5min | 50µL | ≤11.40 ng/ml | 5.9-300 ng/mL |
| CARDIAC | HC05 | D-Dimer | P | 5min | 50µL | 0.5mg/L | 0.25-20 mg/L |
| | HC07 | BNP | P | 5min | 100µL | 100 pg/mL | 15-5000 pg/mL |
| | HC06 | NT-proBNP | S/P | 5min | 100µL | 125 pg/mL | 15-35000 pg/mL |
| | HC03 | CK-MB | S/P | 5min | 50µL | Male: 4.87 ng/mL Female: 3.61ng/mL | 0.3-300 ng/mL |
| | HC04 | Myo | S/P | 5min | 50µL | Male:28-72 ng/mL Female: 25-58 ng/mL | 21-3000 ng/mL |
| | HC01 | h s - cTnT | S/P | 10min | 200µL | ≤14ng/L, Normal | 5-10000 ng/L |
| THYROID | HE09 | FT4 | S/P | 5min | 50µL | 12~22 pmol/L, Normal | 0.5-100 pmol/L |
| | HE07 | FT3 | S/P | 5min | 50µL | 3.1-6.8 pmol/L, Normal | 0.6-50 pmol/L |
| | HE08 | TT4 | S/P | 5min | 50µL | 66-181 nmol/L, Normal | 5.4-320 nmol/L |
| | HE06 | TT3 | S/P | 5min | 50µL | 1.3-3.1 nmol/L, Normal | 0.3-10 nmol/L |
| | HE10 | TSH | S/P | 10min | 200µL | 0.270~4.20µIU/mL, Normal | 0.005-100 µIU/mL |
| TUMOR MARKERS | HM01 | tPSA | S/P | 5min | 50µL | <4 ng/mL | 0.014-100 ng/mL |
| | HM02 | fPSA | S/P | 5min | 50µL | %fPSA<16%, tPSA=4-10 ng/mL DRE-: biopsy required | 0.018-50 ng/mL |
| HORMONES FERTILITY | HD08 | β-HCG | S/P | 10min | 50µL | <5 mIU/mL | 0.5-5000 mIU/mL |
| | HD06 | Prolactin | S/P | 5min | 100µL | Refer to user Manual | 1-10000 µIU/mL |
| | HD04 | Prog | S/P | 5min | 100µL | Refer to user Manual | 0.05-60 ng/mL |
| | HD07 | Cortisol | S/P | 5min | 100µL | Refer to user Manual | 0.054-63.4 µg/dL |
| | HD01 | FSH | S/P | 10min | 100µL | Refer to user Manual | 0.1-200 mIU/mL |
| | HD09 | AMH | S/P | 15min | 100µL | Refer to user Manual | 0.01-23 ng/mL |
| | HD05 | Testosterone | S/P | 15min | 100µL | Refer to user Manual | 0.025-15 ng/mL |
| | HD02 | LH | S/P | 15min | 100µL | Refer to user Manual | 0.1-200 mIU/mL |
| | HD03 | Estradiol | S/P | 30min | 100µL | Refer to user Manual | 18.4-11010 pmol/L |
| DIABETES | HF02 | HbA1c | WB | 5min | 5µL | Refer to user Manual | 3.5~20% |
| BONE METABOLISM | HG01 | 25-OH VD | S/P/W | 10min | 20µL | ≥30 ng/mL, sufficient | 3-70 ng/mL |
| ANEMIA | HJ01 | V-AB ¹² | S/P | 15min | 100µL | 197-771 pg/mL | 100-2000 pg/mL |
| ALLERGY | HN01 | IgE | S/P | 5min | 50µL | Refer to user Manual | 0.2-2500 IU/mL |

*Up Coming Parameters

| | | | |
|----------------------------------|---------------------------------------|-------------------------------|---|
| Renal Function* | CysC mAlb β2-MG NGAL | Cytokines* | INF-α INF-g |
| Tumor Markers* | AFP CEA SCC PG I II PG | 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 |