

# BIOCHEMISTRY RANGE

BIOCHEMISTRY

A decorative graphic of a molecular structure, consisting of several interconnected spheres in shades of blue and purple, arranged in a curved path across the lower half of the page. The spheres vary in size and are connected by thin lines, creating a complex, organic-looking structure.

## Vaginal pH

**Specimen:** Vaginal Secretion  
**Format:** Panel  
**Kit Size:** 25 T, 1 T  
**Cut-Off:** /  
**CE Status:** CE, NON-CE  
**IVPH-504/IVPH-504H**

## Sperm Concentration

**Specimen:** Sperm  
**Format:** Cassette  
**Kit Size:** 2 T, 1T/2 T  
**Cut-Off:** 15 million/mL  
**CE Status:** CE, NON-CE  
**OSC-902/OSC-902H**

## H. Pylori

**Specimen:** Tartar  
**Format:** Card  
**Kit Size:** 10 T  
**CE Status:** CE  
**IHP-CT904/  
 IHP-CT904H**

## γ-Hydroxybutyric acid (GHB)

**Specimen:** Urine  
**Format:** Cassette  
**Kit Size:** 25 T  
**Cut-Off:** 10 µg/mL  
**CE Status:** CE, HC  
**DGHB-102/DGHB-CT114/  
 DGHB-CT101**

## Alcohol (ALC)

**Specimen:** Urine, Oral Fluid, Breath, Breast Milk  
**Format:** Cassette, Panel, Dipstick  
**Kit Size:** 15 T/20 T/25 T/40 T/50 T  
**Cut-Off:** 0.01%, 0.02%, 0.08%  
**CE Status:** CE, HC  
**DAL-102\*; DAL-R102  
 DAL-114/DAL-101/DAL-801/  
 DAL-802/DAL-902**

## Viral Transport Medium

**Specimen:** Swab, Sputum, etc  
**Classification:** Non-inactivated Type, Inactivated Type  
**Kit Size:** 50 T  
**CE Status:** CE  
**VTM-CT001/ITM-CT001**

## Breast milk Alcohol

**Specimen:** Breast Milk  
**Format:** Dipstick, Panel  
**Kit Size:** 25 T/40 T, 50T  
**Cut-Off:** 0.01%  
**CE Status:** CE  
**OAL-901/OAL-914**

## Adulteration

**Specimen:** Urine  
**Format:** Dipstick  
**Kit Size:** 25 T  
**Analytes:** OX,NIT,SG,GLU,pH,CRE  
**CE Status:** CE  
**DAT-111**

## Urinalysis Reagent Dipsticks - 1~14 parameter

**Specimen:** Urine  
**Format:** Dipstick  
**Kit Size:** 100 T  
**Analytes:** ASC, BLO, BIL, URO, KET, GLU, PRO, NIT, LEU, pH, SG, ALB, CRE, CA  
**CE Status:** CE, HC  
**U031-01~14/U032-CT01~CT14**

## Drink Check Test - GHB&KET

**Specimen:** Drink  
**Format:** Card  
**Kit Size:** 10 T  
**Cut-Off:** KET: 1.0g/250mL, GHB: 3.0g/250mL  
**HDKE-CTD04/HDGHB-CTD04/HDOA-CTD24**

## Urine Analyzer CTA-UAF

Medium speed

**Testing Principle**  
**Testing Wave Length**  
**Testing Speed**  
**Repeatability**  
**Stability**

**Output Options**  
**LCD Screen**  
**Report Storage**  
**External Ports**  
**Adapter Input**  
**Power Supply**  
**Dimension**  
**Weight**

Reflection photometer  
 460nm, 550nm, 620nm  
 1 minute for each test  
 Coefficient of variation CV ≤1%  
 During 8 hours of operation,  
 Coefficient of variation CV ≤1%  
 Built-in 57mm thermal printer  
 7 inches  
 Stores up to 10,000 sets of results.  
 Type-c x1; USB x2; LAN x1  
 AC100-240V 50/60Hz  
 DC 18V 2 A  
 190-mm\*169-mm\*120-mm  
 <1kg



## Urine Analyzer CTA-UAE

### Technical Specifications

**Principle:** Photoelectric Colorimetry  
**Testing Speed :** 60 tests/hour  
**Data Memory:** 10,000 Results  
**Strip Incubation Time:** 1 Minute  
**Light Wavelength:** 470 nm, 525 nm and 625 nm  
**Display :** 3.5" LCD touch screen  
**Printer:** Built-in thermal printer  
**Connectivity:** RS232 port , USB 2 ports  
**Working Condition:** 10-30°C, RH≤ 80%, 86-106kPa  
**Working Voltage:** AC100-240V, 50/60Hz, 5V DC, 2A or 4x1.5V AA  
 Size Alkaline Batteries  
**Weight:** 600 g  
**Dimensions(L/W/H):** 200\*137\*52 mm



HC: Health Canada

# BIOCHEMISTRY REAGENTS & ANALYZER

## Urine Analyzer CTA-UAD

High speed

<b>Principle :</b>	Photoelectric Colorimetry
<b>Testing Speed :</b>	600 tests/hour
<b>Data Memory :</b>	9999 Results
<b>Strip Incubation Time :</b>	1 minute
<b>Light Wavelength :</b>	460nm, 550nm, 620nm
<b>Display :</b>	7" LCD touch screen
<b>Printer :</b>	Built-in thermal printer
<b>Connectivity :</b>	LAN port, 2 USB ports, Type-C port, COM port, External WIFI (Optional)
<b>Compatibility :</b>	LIS
<b>Working Condition :</b>	10-30 C, RH< 85%, 86-106kPa
<b>Operating Voltage :</b>	AC100-240V, 50/60Hz
<b>Weight :</b>	6.5Kg
<b>Dimensions(L/W/H) :</b>	380mm * 330mm *215mm



## Hemoglobin Monitoring System

### AHR-CT100/ AHR-CT100ST

<b>Methodology:</b>	Reflectance Photometer
<b>Test Time:</b>	<15 seconds
<b>Measurement Range:</b>	4.5~25.6g/dL ,45~256 g/L, 0.03~0.16 mmol/L
<b>Specimen:</b>	Whole Blood
<b>Specimen Volume:</b>	10 µL
<b>Power Source:</b>	3 AAA batteries
<b>Battery Life:</b>	360 hours or 2700 tests
<b>Units of Measure:</b>	g/dL, g/L, mmol/L
<b>Memory:</b>	1000 records
<b>Automatic Shut Off:</b>	6 minutes after last action
<b>Meter Dimension:</b>	120mm*71mm*26mm
<b>Display Size:</b>	47*41mm
<b>Weight (without Batteries):</b>	83g (Approx.)
<b>Storage and Transport Condition:</b>	-10-50 C, RH≤90%, 86-106 kPa
<b>Working Condition:</b>	10-40 C, RH≤80%, 86-106 kPa
<b>Meter Connectors:</b>	USB cable for Data Transfer or Power (Optional)



## Uric Acid Meter

### CTA-DCF/CTA-DCFt

<b>Methodology:</b>	Electrochemistry
<b>Test time:</b>	15 Seconds
<b>Measurement Range:</b>	179~1200 µmol/L (3 mg/dL~20 mg/dL)
<b>Specimen:</b>	Whole Blood (Capillary and Venous Whole Blood)
<b>Specimen Volume:</b>	2.5 µL
<b>Power Source:</b>	One CR2032 3.0 V Coin Cell Battery
<b>Battery Life:</b>	Approx. 500 tests
<b>Test Units:</b>	µmol/L and mg/dL
<b>Memory:</b>	Up to 1000 records with time and date
<b>Automatic Shut Off:</b>	2 minutes after the last action
<b>Meter Dimension:</b>	62 mm×83 mm× 18 mm
<b>Display Size:</b>	30 mm ×35mm
<b>Weight (without battery):</b>	43 g (approx.)



HC: Health Canada

## Cholesterol Meter

**CTA-DCA/ CTA-DCAt**

### Technical Specifications

<b>Methodology:</b>	Reflectance Photometer
<b>Test Time:</b>	≤120s
<b>Measurement Range:</b>	CHOL:2.59-12.93mmol/L (100-500mg/dL) HDL:0.39-2.59mmol/L (15-100mg/dL) TRIG:0.51-7.34mmol/L (45-650mg/dL) LDL-C:can be calculated by CHOL,HDL and TRIG, and displayed directly on the screen
<b>Specimen:</b>	Whole blood/Serum/Plasma
<b>Sample Volume:</b>	35µL (3 in 1 test strip)
<b>Power Source:</b>	4AAA Batteries
<b>Units of Measure:</b>	mg/dL or mmol/L
<b>Units of Time:</b>	12 H or 24 H
<b>Memory:</b>	999 results
<b>Automatic Shut Off:</b>	5 minutes after the last action
<b>Meter Dimension:</b>	135.3mm*73.7mm*27mm
<b>Display Size:</b>	50mm*45mm
<b>Weight(without Batteries):</b>	Approx. 122g
<b>Meter Connectors:</b>	USB cable for Data Transfer or Power(optional)



## 4 in 1 Monitoring System

**CTA-DCB/ CTA-DCBt/ CTA-DCBH/ CTA-DCBHt**

**CTA-DCC/ CTA-DCct/ CTA-DCCH/ CTA-DCCHt**

**Blood Glucose/Ketone/Uric Acid/Cholesterol**

### Technical Specifications

<b>Methodology</b>	Electrochemistry
<b>Test Time</b>	5 Seconds~20 Seconds
<b>Measurement Range</b>	Blood Glucose: 1.1~33.3 mmol/L (20~600mg/dL) Blood Ketone: 0.0~8.0 mmol/L Uric Acid: 179~1200 µmol/L Total Cholesterol: 2.6~10.4 mmol/L (100~400mg/dL)
<b>Specimen</b>	Whole Blood (Venous blood, Capillary blood)
<b>Power Source</b>	2 AAA Batteries
<b>Battery Life</b>	Supports approximately 500 tests
<b>Memory</b>	Up to 1000 records with time and date.
<b>Mean Value</b>	Calculate the average values of records from the last 7, 14, 28 days
<b>Meal Markers</b>	Before or After Meal Symbol
<b>Automatic Shut Off</b>	2 minutes after the last action
<b>Meter Dimension</b>	62mm× 101mm× 32mm
<b>Display Size</b>	36 mm× 46 mm
<b>Weight (without battery)</b>	68g



Glucose Oxidase (GOD)



Glucose Dehydrogenase (GDH)

## Blood Glucose Meter I (GOD)

### CTA-DCDH/CTA-DCDHt

<b>Methodology:</b>	Electrochemistry
<b>Test Time:</b>	5 Seconds
<b>Measurement Range:</b>	1.1~33.3 mmol/L (20~600mg/dL)
<b>Specimen:</b>	Whole Blood (Capillary Whole Blood and Venous blood)
<b>Specimen Volume:</b>	1.5 µL
<b>Power Source:</b>	1 CR2032 3.0V Coin Cell Battery
<b>Battery Life:</b>	Supports approximately 500 tests
<b>Memory:</b>	Up to 1000 records with time and date
<b>Mean Value:</b>	Calculate the average values of records from the last 7, 14, 28 days
<b>Meal Markers:</b>	Before or After Meal Symbol
<b>Automatic Shut Off:</b>	2 minutes after the last action
<b>Meter Dimension:</b>	56 mm×90 mm×18 mm
<b>Display Size:</b>	34 mm×43 mm
<b>Weight (without battery):</b>	50 g



## Blood Glucose Meter II (GDH)

### CTA-DCE/CTA-DCEt

<b>Methodology:</b>	Electrochemistry
<b>Test Time:</b>	5 Seconds
<b>Measurement Range:</b>	1.1~33.3 mmol/L (20~600mg/dL)
<b>Specimen:</b>	Whole Blood (Capillary Whole Blood and Venous blood)
<b>Specimen Volume:</b>	0.8 µL
<b>Hematocrit Range:</b>	20%~70%
<b>Power Source:</b>	1 CR2032 3.0V Coin Cell Battery
<b>Battery Life:</b>	Supports approximately 500 tests
<b>Memory:</b>	Up to 1000 records with time and date
<b>Mean Value:</b>	Calculate the average values of records from the last 7, 14, 28 days
<b>Meal Markers:</b>	Before or After Meal Symbol
<b>Automatic Shut Off:</b>	2 minutes after the last action
<b>Meter Dimension:</b>	62 mm×83 mm×18 mm
<b>Display Size:</b>	30 mm×35 mm
<b>Weight (without battery):</b>	43 g (Approx. )



## Blood Glucose Meter II Plus (GDH)

### CTA-DCEH/CTA-DCEHt

<b>Methodology:</b>	Electrochemistry
<b>Test Time:</b>	5 Seconds
<b>Measurement Range:</b>	1.1~33.3 mmol/L (20~600mg/dL)
<b>Specimen:</b>	Whole Blood (Capillary Whole Blood and Venous blood)
<b>Specimen Volume:</b>	0.8 µL
<b>Hematocrit Range:</b>	20%~70%
<b>Power Source:</b>	2 AAA Batteries
<b>Battery Life:</b>	Supports approximately 500 tests
<b>Memory:</b>	Up to 1000 records with time and date
<b>Mean Value:</b>	Calculate the average values of records from the last 7, 14, 28 days
<b>Meal Markers:</b>	Before or After Meal Symbol
<b>Tricolor Backlight:</b>	Yellow, Green, Red
<b>Voice Broadcast:</b>	Prompts for test operation and test results broadcast
<b>Automatic Shut Off:</b>	2 minutes after the last action
<b>Meter Dimension:</b>	62 mm×101 mm×30 mm
<b>Display Size:</b>	36 mm×46 mm
<b>Weight (without battery):</b>	77 g (Approx. )



# FLUORESCENCE IMMUNOASSAY RANGE

- Fluorescence Immunoassay Test Cassette
- Fluorescence Immunoassay Analyzers



# FLUORESCENCE IMMUNOASSAY TESTS

## Inflammation Markers

### CRP

**Specimen:** WB/S/P  
**Cut-Off:** hsCRP 1 mg/L, CRP10 mg/L  
**Test Range:** 0.5-200 mg/L  
**CE Status:** CE  
**FI-CRP-402**

### PCT

**Specimen:** WB/S/P  
**Cut-Off:** 0.5 ng/mL  
**Test Range:** 0.1-50 ng/mL  
**CE Status:** CE  
**FI-PCT-402**

### IL-6

**Specimen:** WB/S/P  
**Cut-Off:** 10 pg/mL  
**Test Range:** 3.0-5000 pg/mL  
**CE Status:** CE  
**FI-IL6-CT402**

### SAA

**Specimen:** WB/S/P  
**Cut-Off:** 10 mg/L  
**Test Range:** 1-300 mg/L  
**CE Status:** CE  
**FI-SAA-CT402**

## Tumor Markers

### PSA

**Specimen:** S/P, WB/S/P  
**Cut-Off:** 4 ng/mL  
**Test Range:** 2-100 ng/mL 0.1-100 ng/mL  
**CE Status:** Non-CE  
**FI-PSA-302/FI-PSA-CT402**

### FPSA

**Specimen:** S/P  
**Test Range:** 0.1-30 ng/mL  
**CE Status:** Non-CE  
**FI-FPSA-CT302**

### AFP

**Specimen:** S/P  
**Cut-Off:** 20 ng/mL  
**Test Range:** 5-400 ng/mL  
**CE Status:** CE  
**FI-AFP-302**

### FOB

**Specimen:** Feces  
**Cut-Off:** 50 ng/mL  
**Test Range:** 10-1000 ng/mL  
**CE Status:** CE  
**FI-FOB-CT602**

### CEA

**Specimen:** S/P  
**Cut-Off:** 4 ng/mL  
**Test Range:** 1-500 ng/mL  
**CE Status:** CE  
**FI-CEA-302**

### CYFRA21-1

**Specimen:** WB/S/P  
**Cut-Off:** <3.3 ng/mL  
**Test Range:** 1.0-300ng/mL  
**CE Status:** Non-CE  
**FI-CA211-CT402**

## Coagulation

### D-Dimer

**Specimen:** WB/P  
**Cut-Off:** 0.5 mg/L  
**Test Range:** 0.1-10 mg/L  
**CE Status:** CE  
**FI-DDM-402**

## Cardiac Markers

### cTnl

**Specimen:** WB/S/P

**Cut-Off:** 0.5 ng/mL

**Test Range:** 0.1-40 ng/mL

**CE Status:** CE

**FI-CTI-402**

### cTnT

**Specimen:** WB/S/P

**Cut-Off:** 0.5 ng/mL

**Test Range:** 0.2-40 ng/mL

**CE Status:** Non-CE

**FI-CTNT-402**

### NT-proBNP

**Specimen:** WB/S/P

**Cut-Off:** 450 pg/mL

**Test Range:** 300-22000 pg/mL

**CE Status:** CE

**FI-NBNP-402**

### CK-MB

**Specimen:** WB/S/P

**Cut-Off:** 5 ng/mL

**Test Range:** 0.2-75 ng/mL

**CE Status:** CE

**FI-CKMB-402**

### H-FABP

**Specimen:** WB/S/P

**Cut-Off:** 8 ng/mL

**Test Range:** 1-120 ng/mL

**CE Status:** CE

**FI-HFA-402**

### Myoglobin

**Specimen:** WB/S/P

**Cut-Off:** 90 ng/mL

**Test Range:** 5-200 ng/mL

**CE Status:** CE

**FI-MYO-402**

### Troponin I/Myoglobin/CK-MB (3 in 1) Combo

**Specimen:** WB/S/P

**Cut-Off:** Troponin I: 0.5 ng/mL, Myoglobin: 90 ng/mL, CK-MB: 5 ng/mL

**Test Range:** Troponin I: 0.1-40 ng/mL, Myoglobin: 5-200 ng/mL, CK-MB: 0.2-75 ng/mL

**CE Status:** CE

**FI-AMI-CT435**

### Troponin T/Myoglobin/CK-MB (3 in 1) Combo

**Specimen:** WB/S/P

**Cut-Off:** Troponin T: 0.2 ng/mL, Myoglobin: 90 ng/mL, CK-MB: 5 ng/mL

**Test Range:** Troponin T: 0.1-40 ng/mL, Myoglobin: 5-200 ng/mL, CK-MB: 0.2-75 ng/mL

**CE Status:** CE

**FI-AMIT-CT435**

### Troponin I/D-Dimer/NT-proBNP (3 in 1) Combo

**Specimen:** WB/S/P

**Cut-Off:** Troponin I: 0.5 ng/mL, D-Dimer: 500 ng/mL, NT-proBNP: 0.45 ng/mL

**Test Range:** Troponin I: 0.1-40 ng/mL, D-Dimer: 100-10000 ng/mL, NT-proBNP: 0.3-22 ng/mL

**CE Status:** CE

**FI-CPC-CT435**

# FLUORESCENCE IMMUNOASSAY TESTS

## Endocrinology

### T3

**Specimen:** WB/S/P  
**Cut-Off:** 1.23-3.08 nmol/L  
**Test Range:** 0.62-9.24 nmol/L  
**CE Status:** NON-CE  
**FI-T3-CT402**

### T4

**Specimen:** WB/S/P  
**Cut-Off:** 65-155 nmol/L  
**Test Range:** 12.87-300 nmol/L  
**CE Status:** NON-CE  
**FI-T4-CT402**

### FSH

**Specimen:** WB/S/P  
**Test Range:** 1-100 mIU/mL  
**CE Status:** CE  
**FI-FSH-402**

### FT3

**Specimen:** WB/S/P  
**Cut-Off:** 3.1-6.8 pmol/L  
**Test Range:** 1.5-46 pmol/L  
**CE Status:** NON-CE  
**FI-FT3-CT402**

### FT4

**Specimen:** WB/S/P  
**Cut-Off:** 9-19.05 pmol/L  
**Test Range:** 1-100 pmol/L  
**CE Status:** NON-CE  
**FI-FT4-CT402**

### LH

**Specimen:** WB/S/P  
**Test Range:** 1-300 mIU/mL  
**CE Status:** CE  
**FI-LH-402**

### Testosterone

**Specimen:** S/P  
**Cut-Off:** Female:0-2 ng/mL, Male:2.6-12 ng/mL  
**Test Range:** 1.0-20 ng/mL  
**CE Status:** CE  
**FI-TES-CT302**

### β-HCG

**Specimen:** WB/S/P  
**Cut-Off:** 2 mIU/mL  
**Test Range:** 5-10,000 mIU/mL  
**CE Status:** CE, HC  
**FI-BHCG-CT402**

### Progesterone (P4)

**Specimen:** S/P  
**Test Range:** 1.4-60 ng/mL  
**CE Status:** CE  
**FI-P4-CT302**

### Ferritin

**Specimen:** WB/S/P  
**Cut-Off:** Male:30-400 ng/mL, Female:13-150 ng/mL  
**Test Range:** 1-2000 ng/mL  
**CE Status:** Non-CE  
**FI-FER-CT402**

### TSH

**Specimen:** S/P  
**Cut-Off:** 5 µIU/mL  
**Test Range:** 0.1-100 µIU/mL  
**CE Status:** Non-CE  
**FI-TSH-CT402**

### AMH

**Specimen:** WB/S/P  
**Test Range:** 0.05-25 ng/mL  
**CE Status:** CE  
**FI-AMH-CT402**

### Cortisol

**Specimen:** S/P  
**Cut-Off:** 140 - 690 nmol/L  
**Test Range:** 50 nmol/L - 1000 nmol/L  
**CE Status:** CE  
**FI-COR-CT302**

### PRL

**Specimen:** WB/S/P  
**Cut-Off:** Female (Non-pregnant): 2- 25 ng/mL  
                   Female (Pregnant): 10 - 209 ng/mL  
                   Male: 2 - 18 ng/mL  
**Test Range:** 1.0 - 200 ng/mL  
**CE Status:** CE  
**FI-PRL-CT402**

### Estradiol (E2)

**Specimen:** Fingertick WB, WB/S/P  
**Test Range:** 10-3000 pg/mL  
**Certificates:** CE  
**FI-E2-CT402**

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# FLUORESCENCE IMMUNOASSAY TESTS

## Infectious Diseases

### Strep A

**Specimen:** Swab  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-STA-502**

### FLU A+B

**Specimen:** Swab  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-FLU-502**

### RSV

**Specimen:** Swab  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-RSV-502**

### Dengue IgG/IgM

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-DEN-402**

### Dengue NS1

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-DES-402**

### Malaria P.f./P.v./Pan

**Specimen:** WB  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-MAL-CT435**

### COVID-19 Antigen

**Specimen:** Swab  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-NCP-CT502**

### COVID-19 IgG/IgM

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-NCP-CT402**

### COVID-19 S-RBD IgG Antibody

**Specimen:** WB/S/P  
**Cut-Off:** 6.7-16.4 pmol/L  
**Test Range:** 1-100 pmol/L  
**CE Status:** CE  
**FI-CSG-CT402**

### COVID-19 Ag & Influenza A+B Combo

**Specimen:** NP Swab  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-CIC-CT525**

### HCV

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** Non-CE  
**FI-HCV-CT402**

### HBsAb

**Specimen:** WB/S/P  
**Cut-Off:** < 10mIU/mL  
**Test Range:** 5-1000 mIU/mL  
**CE Status:** Non-CE  
**FI-HBSB-CT402**

### HIV 1/2

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** Non-CE  
**FI-HIV-CT402**

### Syphilis

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** CE  
**FI-SYP-CT402**

### *H. pylori*

**Specimen:** Feces  
**Cut-Off:** < 2.5 ng/mL  
**Test Range:** 2-1500 ng/mL  
**CE Status:** CE  
**FI-HP-CT602**

### Tetanus IgG

**Specimen:** WB/S/P  
**Cut-Off:** 0.1 ng/mL  
**Test Range:** 0.05-10 IU/mL  
**CE Status:** Non-CE  
**FI-TET-CT402**

### Rotavirus

**Specimen:** Feces  
**Test Range:** Qualitative  
**CE Status:** Non-CE  
**FI-ROT-CT602**

### HBsAg

**Specimen:** WB/S/P  
**Cut-off:** <0.5 IU/mL  
**Test Range:** 0.5-200 IU/mL  
**CE Status:** Non-CE  
**FI-HBSG-CT402**

### HIV P24

**Specimen:** WB/S/P  
**Test Range:** Qualitative  
**CE Status:** Non-CE  
**FI-HIG-CT402**

# FLUORESCENCE IMMUNOASSAY TESTS

## ***Mycoplasma pneumoniae* Antigen**

**Specimen:** Throat Swab

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-MP-CT502**

## ***Adenovirus pneumoniae* Antigen**

**Specimen:**

Nasopharyngeal Swab

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-AD-CT502**

## **Rotavirus and Adenovirus**

**Specimen:** Feces

**Cut-Off:** <1 COI

**Test Range:** Qualitative (0-100 COI)

**CE Status:** CE

**FI-RAC-CT602**

## ***Streptococcus pneumoniae***

**Specimen:** Urine

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-SP-CT102**

## ***Adenovirus pneumoniae* and RSV Combo**

**Specimen:**

Nasopharyngeal Swab

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-AR-CT502**

## **Clostridium difficile GDH**

**Specimen:** Feces

**Cut-Off:** <1 COI

**Test Range:** Qualitative (0-100 COI)

**CE Status:** CE

**FI-CDG-CT602**

## ***Legionella pneumophila***

**Specimen:** Urine

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-LEG-CT102**

## **HMPV**

**Specimen:**

Nasopharyngeal Swab

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-HMPV-CT502**

## **Clostridium difficile GDH+Toxin A/B**

**Specimen:** Feces

**Cut-Off:** <1 COI

**Test Range:** Qualitative (0-100 COI)

**CE Status:** CE

**FI-CD-CT602**

## **Typhoid**

**Specimen:**

Fingerstick WB, WB/S/P

**Test Range:** Qualitative

**CE Status:** CE

**FI-TYP-CT402**

## **HPIV**

**Specimen:**

Nasopharyngeal Swab

**Cut-Off:** <1 COI

**Test Range:**

Qualitative (0-100 COI)

**CE Status:** CE

**FI-HPIV-CT502**

## **Clostridium difficile Toxin A/Toxin B**

**Specimen:** Feces

**Cut-Off:** <1 COI

**Test Range:** Qualitative (0-100 COI)

**CE Status:** CE

**FI-CDT-CT625**

## **Norovirus**

**Specimen:** Feces

**Cut-Off:** Qualitative

**CE Status:** CE

**FI-NOV-CT602**

## **Monkeypox Virus Antigen**

**Specimen:** Fingerstick WB, WB/S/P/Rash Exudate Swab/Throat Swab

**Cut-Off:** <1 COI

**Test Range:** Qualitative (0-100 COI)

**CE Status:** CE

**FI-MXG-CT402**

# FLUORESCENCE IMMUNOASSAY TESTS

## Drugs of Abuse

### Amphetamine (AMP)

**Specimen:** Urine  
**Cut-Off:** 1000 ng/mL  
**Test Range:** 300-3000 ng/mL  
**CE Status:** Non-CE  
**FI-AMP-CT102**

### Barbiturate (BAR)

**Specimen:** Urine  
**Cut-Off:** 300 ng/mL  
**Test Range:** 50-1200 ng/mL  
**CE Status:** Non-CE  
**FI-BAR-CT102**

### Benzodiazepines (BZO)

**Specimen:** Urine  
**Cut-Off:** 300 ng/mL  
**Test Range:** 150-1500 ng/mL  
**CE Status:** Non-CE  
**FI-BZO-CT102**

### Cocaine (COC)

**Specimen:** Urine  
**Cut-Off:** 300 ng/mL  
**Test Range:** 50-3000 ng/mL  
**CE Status:** Non-CE  
**FI-COC-CT102**

### Methadone (MTD)

**Specimen:** Urine  
**Cut-Off:** 300 ng/mL  
**Test Range:** 150-1500 ng/mL  
**CE Status:** Non-CE  
**FI-MTD-CT102**

### Methamphetamine (MET)

**Specimen:** Urine  
**Cut-Off:** 1000 ng/mL  
**Test Range:** 100-5000 ng/mL  
**CE Status:** Non-CE  
**FI-MET-CT102**

### Opiates (OPI)

**Specimen:** Urine  
**Cut-Off:** 2000 ng/mL  
**Test Range:** 300-6000 ng/mL  
**CE Status:** Non-CE  
**FI-OPI-CT102**

### Marijuana (THC)

**Specimen:** Urine  
**Cut-Off:** 50 ng/mL  
**Test Range:** 25-150 ng/mL  
**CE Status:** Non-CE  
**FI-THC-CT102**

### $\alpha$ -pyrrolidinopentiophe- none (APVP)

**Specimen:** Urine  
**Cut-Off:** 300 ng/mL  
**Test Range:** 150-3000 ng/mL  
**CE Status:** Non-CE  
**FI-APVP-CT102**

### Ecstasy (MDMA)

**Specimen:** Urine  
**Cut-Off:** 500 ng/mL  
**Test Range:** 250-1500 ng/mL  
**CE Status:** Non-CE  
**FI-MDMA-CT102**

### Morphine (MOP)

**Specimen:** Urine  
**Cut-Off:** 300 ng/mL  
**Test Range:** 150-6000 ng/mL  
**CE Status:** Non-CE  
**FI-MOP-CT102**

## Others

### Vitamin D

**Specimen:** S/P  
**Cut-Off:** >30 ng/mL  
**Test Range:** 5-100 ng/mL  
**CE Status:** CE  
**FI-VD-CT402**

### Calprotectin

**Specimen:** Feces  
**Cut-Off:** 20  $\mu$ g/g  
**Test Range:** 1-1000  $\mu$ g/g  
**CE Status:** CE  
**FI-CAL-CT602**

### Rheumatoid Factor

**Specimen:** WB/S/P  
**Cut-Off:** <20 IU/mL  
**Test Range:** 8-200 IU/mL  
**CE Status:** CE  
**FI-RFM-CT402**

### HbA1c

**Specimen:** WB  
**Cut-Off:** 4-6%  
**Test Range:** 4-14.5%  
**CE Status:** CE  
**FI-HBA-402**

### IgE

**Specimen:** WB/S/P  
**Cut-Off:** 100 IU/mL  
**Test Range:** 20-1600 IU/mL  
**CE Status:** CE  
**FI-IGE-402**

### IgA

**Specimen:** WB/S/P  
**Cut-Off:** 0.7-4.3 g/L  
**Test Range:** 0.1-7.0 g/L  
**CE Status:** Non-CE  
**FI-IGA-CT402**

# FLUORESCENCE IMMUNOASSAY ANALYZERS

## Fluorescence Immunoassay Analyzer AFR-CT600

EU IVDR Registered

CE Marked

### Technical Specifications

<b>Test Method :</b>	Dry-type Fluorescent Immunoassay
<b>Test Format :</b>	Cassette
<b>Measurement :</b>	Quantitative, Qualitative
<b>Reading Time :</b>	< 20 Seconds
<b>Display :</b>	7" LCD touch screen
<b>Memory :</b>	10000 Records
<b>Dimensions(L*W*H) :</b>	233*238*229 mm
<b>Weight :</b>	2.3 kg
<b>Storage Conditions :</b>	5-45 °C, RH 85%
<b>Working Conditions :</b>	10-30 °C, RH 85%
<b>Printer :</b>	Built-in thermal printer
<b>Power Source :</b>	100-240VAC,50/60Hz
<b>Compatibility :</b>	LIS
<b>Scanner :</b>	Laser barcode scanner with USB port
<b>Connectivity :</b>	USB 2 ports, LAN port, RS232 COM port (WLAN is an optional function)



## Fluorescence Immunoassay Analyzer CTA-FAF

### Technical Specifications

<b>Principle</b>	Principle of Fluorescence Immunoassay
<b>Test Formats</b>	Cassette
<b>Measurement</b>	Quantitative, Qualitative
<b>Read Time</b>	< 20 seconds
<b>Dimensions (L*W*H)</b>	244.5mm*240mm*201.4mm
<b>Display Dimensions</b>	7 inches
<b>Weight</b>	2.2 kg
<b>OS</b>	Windows-Compatible proprietary program
<b>Power Supply</b>	DC 24 V 4A
<b>Adapter Input</b>	AC 100~240 V, 50/60 Hz, 60 W
<b>Connecting Ports</b>	COM, USB, LAN
<b>Memory</b>	10000 records
<b>Operating Conditions</b>	10-30 °C
<b>Relative Humidity</b>	RH ≤ 85%
<b>Atmospheric pressure</b>	86 kPa~106 kPa
<b>Printer</b>	Built-in Thermal printer



# FLUORESCENCE IMMUNOASSAY ANALYZERS

## Fluorescence Immunoassay Analyzer CTA-FAG

### Technical Specifications

<b>Principle</b>	Fluorescence Immunoassay
<b>Test Formats</b>	Cassette
<b>Measurement</b>	Quantitative, Qualitative
<b>Read Time</b>	< 20 seconds
<b>Dimensions (L*W*H)</b>	405 mm * 500 mm * 265 mm
<b>Display Dimensions</b>	10.1 inch color LCD
<b>Weight</b>	15 kg
<b>Maximum Input Power</b>	200VA
<b>Working Voltage</b>	AC 100-240V 50/60 Hz
<b>Connecting Ports</b>	COM*1 USB *4 LAN *1
<b>Memory</b>	10000 records
<b>Operating Conditions</b>	10-30 °C
<b>Relative Humidity</b>	RH ≤ 85%
<b>Excitation / Emission band</b>	365/610 (nm)
<b>Printer</b>	Built-in Thermal printer
<b>Test channels</b>	12



## Fluorescence Immunoassay Analyzer CTA-FAH

### Technical Specifications

<b>Principle:</b>	Fluorescence Immunoassay
<b>Test formats:</b>	Cassette
<b>Measurement:</b>	Quantitative, Qualitative
<b>Read Time:</b>	< 20 seconds
<b>Dimension:</b>	275 mm*105 mm*100 mm (L*W*H)
<b>Screen size:</b>	5 inches
<b>Weight:</b>	1 kg
<b>Spectrum:</b>	Excitation spectrum: Mean wavelength $\lambda_0=365\text{nm}$ Reception spectrum: Mean wavelength $\lambda_1=610\text{nm}$
<b>Memory:</b>	10000 records
<b>Printer:</b>	Built-in thermal printer
<b>Ports:</b>	LAN*1, USB*1, Type-Cx1



# Chemiluminescence Immunoassay Range



Chemiluminescence Immunoassay

# CHEMILUMINESCENCE IMMUNOASSAY

## Chemiluminescence Immunoassay Analyzer

### Automatic chemiluminescence Immunoassay Analyzer CTA-CLB

#### Technical Specifications

<b>Principle:</b>	Sandwich method, Indirect method and Competition method
<b>Maximum test amount:</b>	8 T per test
<b>Sample type:</b>	Whole Blood, Serum, Plasma
<b>Temperature accuracy:</b>	37 °C ± 0.5 °C
<b>Printer:</b>	Built-in thermal printer
<b>Compatibility:</b>	LAN port, USB 2 ports
<b>Operating system:</b>	Windows
<b>Display:</b>	8" Touch screen
<b>Dimensions (L*W*H):</b>	228×385×256 mm
<b>Weight:</b>	12 kg



#### Advantages

##### **Over the Air (OTA)**

- Remote maintenance
- Remote upgrade

##### **Intelligent Single Photon Counting Module (iSPCM)**

- Wide linearity (Photon counting module)
- Quiet operation
- Built-in calibration algorithm

##### **Fully Automatic**

- Testing speed: 32 Tests/Hour
- Sample capacity: 8 Sample positions
- Data transfer: LIS

##### **Precision**

- Precision: Intra-batch CV≤5%
- Quality control system: Supports Westgard multi rule quality control

##### **Convenient Operation**

- 8" Touch screen, easy to operate
- Built-in PC with windows operating system, keyboard and mouse connectable
- Built-in thermal printer for immediate printing of test results
- Built-in sample and reagent scanning module, can scan the kit QR code to obtain project parameters

# CHEMILUMINESCENCE IMMUNOASSAY

## Inflammation Markers

### Procalcitonin (PCT)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 0.05-100ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-PCT-CT

### Interleukin-6 (IL-6)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 1.5-5000pg/mL

**Result Time:** 18 mins

**Status:** CE

CI-IL6-CT

### C-reactive Protein (CRP)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 0.5-150µg/mL

**Result Time:** 18 mins

**Status:** CE

CI-CRP-CT

### Serum Amyloid A Protein (SAA)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 1-500µg/mL

**Result Time:** 18 mins

**Status:** CE

CI-SAA-CT

## Cardiac Markers

### Creatine Kinase MB (CKMB)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 2-500ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-CKMB-CT

### Cardiac Troponin-I (cTnI)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 0.02-50ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-CTI-CT

### N-Terminal pro-B-type Natriuretic Peptide (NT-proBNP)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 30-30000pg/mL

**Result Time:** 18 mins

**Status:** CE

CI-NBNP-CT

### Myoglobin (MYO)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 3-1000ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-MYO-CT

### Heart-fatty Acid-binding Protein (H-FABP)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 0.2-300ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-HFABP-CT

### D-Dimer

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 2.5-10000ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-DDM-CT

## Cardiac Markers

### Brain Natriuretic Peptide (BNP)

**Specimen:** Plasma

**Detection Range:** 15-5000 pg/mL

**Result Time:** 18 mins

**Status:** CE

CI-BNP-CT

### Cardiac Troponin-T (cTnT)

**Specimen:** Serum/Plasma

**Detection Range:** 0.008-10.00 ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-CTNT-CT

### Growth Stimulation Expressed Gene 2 (ST2)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 0.5-200 ng/mL

**Result Time:** 18 mins

**Status:** CE CI-sST2-CT

## Anemia

### 25 OH Vitamin D (25-OH VD)

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 5-100 ng/mL

**Result Time:** 28 mins

**Status:** CE

CI-VD-CT

### Ferritin

**Specimen:** Whole Blood/Serum/Plasma

**Detection Range:** 5-2000 ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-FER-CT

### Folic Acid (FA)

**Specimen:** Serum

**Detection Range:** 1-50ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-FA-CT

## Diabetes

### C-Peptide (CP)

**Specimen:** Serum/Plasma

**Detection Range:** 0.25-40 ng/mL

**Result Time:** 18 mins

**Status:** CE

CI-CPE-CT

### Insulin (INS)

**Specimen:** Serum/Plasma

**Detection Range:** 2-300 mIU/L

**Result Time:** 18 mins

**Status:** CE

CI-INS-CT

### Glycated Hemoglobin (HbA1c)

**Specimen:** Whole Blood

**Detection Range:** 2%-14%

**Result Time:** 18 mins

**Status:** CE

CI-HBA-CT

# CHEMILUMINESCENCE IMMUNOASSAY

## Hormone

### **β-human Chorionic Gonadotropin (β-HCG)**

**Specimen:** Serum/Plasma  
**Detection Range:** 2-10000 mIU/mL  
**Result Time:** 21 mins  
**Status:** CE

CI-βHCG-CT

### **Anti-mullerian Hormone (AMH)**

**Specimen:** Whole Blood/Serum/Plasma  
**Detection Range:** 0.02-23 ng/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-AMH-CT

### **LH**

**Specimen:** Serum/Plasma  
**Detection Range:** 1-200 mIU /mL  
**Result Time:** 18 mins  
**Status:** CE

CI-LH-CT

### **FSH**

**Specimen:** Serum/Plasma  
**Detection Range:** 0.50-200 mIU/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-FSH-CT

### **Prolactin**

**Specimen:** Serum/Plasma  
**Detection Range:** 0.05-200 ng/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-PRL-CT

## Tumor

### **Carcinoembryonic Antigen (CEA)**

**Specimen:** Serum/Plasma  
**Detection Range:** 0.50-1000 ng/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-CEA-CT

### **Alpha-fetoprotein (AFP)**

**Specimen:** Whole Blood/Serum/Plasma  
**Detection Range:** 2-1000 IU/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-AFP-CT

### **Cancer Antigen 125 (CA125)**

**Specimen:** Serum/Plasma  
**Detection Range:** 2.3-1000 U/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-CA125-CT

### **Carbohydrate Antigen 199 (CA19-9)**

**Specimen:** Serum/Plasma  
**Detection Range:** 2-1000 U/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-CA199-CT

### **Cancer Antigen 242 (CA242)**

**Specimen:** Serum/Plasma  
**Detection Range:** 2-200IU/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-CA242-CT

### **Cancer Antigen 15-3 (CA15-3)**

**Specimen:** Serum/Plasma  
**Detection Range:** 1-300 U/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-CA153-CT

### **Cytokeratin-19-fragment (CYFRA21-1)**

**Specimen:** Serum/Plasma  
**Detection Range:** 1-300 ng/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-CYFRA211-CT

### **Squamous Cell Carcinoma Antigen (SCC)**

**Specimen:** Serum/Plasma  
**Detection Range:** 0.5-70 ng/mL  
**Result Time:** 18 mins  
**Status:** CE

CI-SCC-CT

# CHEMILUMINESCENCE IMMUNOASSAY

## Tumor

### Pepsinogen I (PG I)

Specimen: Serum/Plasma  
Detection Range: 2.5-200 ng/mL  
Result Time: 18 mins  
Status: CE **CI-PGI-CT**

### Pepsinogen II (PG II)

Specimen: Serum/Plasma  
Detection Range: 1.4-200 ng/mL  
Result Time: 18 mins  
Status: CE **CI-PGII-CT**

### Gastrin Releasing Peptide Precursor (ProGRP)

Specimen: Serum/Plasma  
Detection Range: 8-5000 pg/mL  
Result Time: 18 mins  
Status: CE **CI-PGRP-CT**

### Human Epididymis Protein 4 (HE4)

Specimen: Serum/Plasma  
Detection Range: 15-1500 pmol/L  
Result Time: 18 mins  
Status: CE **CI-HE4-CT**

### Neuron-specific Enolase (NSE)

Specimen: Serum  
Detection Range: 0.5 -370 ng/mL  
Result Time: 18 mins  
Status: CE **CI-NSE-CT**

### PSA

Specimen: Serum/Plasma  
Detection Range: 1-150 ng/mL  
Result Time: 18 mins  
Status: NON-CE **CI-PSA-CT**

## Thyroid gland

### Thyroid Stimulating Hormone (TSH)

Specimen: Serum/Plasma  
Detection Range: 0.1-100 mIU/L  
Result Time: 18 mins  
Status: CE **CI-TSH-CT**

### Thyroxine (T4)

Specimen: Serum/Plasma  
Detection Range: 10-300 ng/mL  
Result Time: 28 mins  
Status: CE **CI-T4-CT**

### Triiodothyronine (T3)

Specimen: Serum/Plasma  
Detection Range: 0.4-6 ng/mL  
Result Time: 28 mins  
Status: CE **CI-T3-CT**

### Free Thyroxine (FT4)

Specimen: Serum/Plasma  
Detection Range: 1-100 pmol/L  
Result Time: 28 mins  
Status: CE **CI-FT4-CT**

### Free Triiodothyronine (FT3)

Specimen: Serum  
Detection Range: 0.8-100 pmol/L  
Result Time: 21 mins  
Status: CE **CI-FT3-CT**

### Thyroglobulin (TG)

Specimen: Serum/Plasma  
Detection Range: 0.2-500 ng/mL  
Result Time: 18 mins  
Status: CE **CI-TG -CT**

# VETERINARY PRODUCT RANGE



VETERINARY

## Canine Rapid Test Range

### Canis Ehrlichia Ab + CHW Ag Combo

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VAECCI

### Canis Ehrlichia Ab + LSH Ab Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VAELCI

### Canis Ehrlichia Ab + LSH Ab + CHW Ag Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VAELCCI

### CHW Ag + Ehrlichia Ab + Lyme IgG/IgM Ab Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VACELCI

### Lyme Ab+EHR Ab + ANA Ab + CHW Ag Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VALEACCI

### Canine LSH Ab + Ehrlichia Ab + Anaplasma Ab + CHW Ag Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VASEACCI

### Canine Adenovirus tape II Ag

**Specimen:** Secretions

**Format:** Cassette

**Kit Size:** 10 T VACAVCI

### Canine Influenza Virus Ag

**Specimen:** Secretions

**Format:** Cassette

**Kit Size:** 10 T VACIVCI

### CDV Ag + CAV-II Ag Combo

**Specimen:** Secretions

**Format:** Cassette

**Kit Size:** 10 T VADACI

### CDV Ag+CAV-II Ag+CIV Ag Combo

**Specimen:** Secretions

**Format:** Cassette

**Kit Size:** 10 T VADAICI

### Dog Relaxin (RLN)

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VARLNCI/VARLNACI

### Canine Brucella LPS (C.Bru-LPS) Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VACBLCI

### Canine CRP Ag

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VACCRCI

### Rabies Virus Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VARBCI

### Canine Ehrlichia Ab + Anaplasma Ab Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T VAEACI

## Canine Rapid Test Range

### CPV+CDV+CAV Antibody Combo

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAPDACI

### CDV Ag+CPV Ag+CCV Ag Combo

**Specimen:** Secretions+Feces

**Format:** Cassette

**Kit Size:** 10 T

VADPCCI

### Ehrlichia Ab+Anaplasma Ab+Babesia Ab+CHW Ag Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAEABCCI

### Lyme Ab+Ehrlichia Ab+Babesia Ab+CHW Ag Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VALEBCCI

### LSH Ab+Ehrlichia Ab+CHW Ag+Babesia Ab Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VALECBCI

### Canine Ehrlichia+Anaplasma+Babesia Antibody Combo

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAEABCI

### Babesia Canis Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VABCCI

### Rabies Virus Antigen

**Specimen:** Saliva

**Format:** Cassette

**Kit Size:** 10 T

VARVCI

### Canine Parvovirus Ag

**Specimen:** Feces/Vomit

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VACPVCi/VACPVACi

### Canine Parvovirus Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VACPVBci

### Canine Coronavirus Ag

**Specimen:** Feces/Vomit

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VACCVci/VACCVACi

### Canine Distemper Virus Ag

**Specimen:** Secretions

**Format:** Cassette

**Kit Size:** 10 T

VADVCI

### CPV+CCV+CDV+Giardia Ag Combo

**Specimen:** Secretions+Feces

**Format:** Cassette

**Kit Size:** 10 T

VACPVBci

### Canine Distemper Virus Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VACDVCI

### CPV Ag+CCV Ag Combo

**Specimen:** Feces/Vomit

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VAPCCI/VAPCACi

### CPV+CCV+CDV+Giardia Ag Combo

**Specimen:** Secretions+Feces

**Format:** Cassette

**Kit Size:** 10 T

VAPCDGCI

### CDV Ab+CPV Ab Combo

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VADPBci

### CPV Ag+CCV Ag+Giardia Lamblia Ag+TOXO Ag Combo

**Specimen:** Feces

**Format:** Cassette

**Kit Size:** 10 T

VAPCDGCI

## Canine Rapid Test Range

### CDV Ag +CPV Ag Combo

**Specimen:** Secretions+Feces/Vomit

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VADPCI/VADPACI

### CPV Ag+Giardia Lamblia Ag Combo

**Specimen:** Feces/Vomit, Feces

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VAPGCI/VAPGACI

### Ehrlichia Canis Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAEHCI

### CPV Ag+CCV Ag+Giardia Lamblia Ag Combo

**Specimen:** Feces/Vomit, Feces

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VAPCGCI/VAPCGACI

### Babesia Gibsoni Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VABGCI

### Canine Heartworm Ag

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VACHWCI

### Leishmania Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

Range Mark : Canine, Feline

VALSHCI

### Anaplasma Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAANACI

## Feline Rapid Test Range

### Feline Panleucopenia Virus Ag

**Specimen:** Feces/Vomit

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VAFPACI/VAFPACI

### Feline Corona Virus Ab

**Specimen:** Serum/Ascites/Hydrothorax

**Format:** Cassette

**Kit Size:** 10 T

VACOCI

### Feline Corona Virus Ag

**Specimen:** Feces

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VACOGCI/VACOGACI

### FCoV Ag+FPV Ag Combo

**Specimen:** Feces

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5T

VAFFCI/VAFFACI

## Feline Rapid Test Range

### Feline Relaxin (RLN)

**Specimen:** Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFRLNCI**

### FCoV Ag+FPV Ag+Giardia Lambliia Ag+TOXO Ag Combo

**Specimen:** Feces  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFFGTCI**

### Feline Blood Typing

**Specimen:** Whole Blood  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFBACI**

### Feline Leukemia Virus Ag

**Specimen:** Whole Blood/Serum/  
Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFLVCI**

### FIV Ab+FHW Ag Combo

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAIHCI**

### FIV Ab + FeLV Ag Combo

**Specimen:** Whole Blood/  
Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFFEVC I**

### Feline Herpes Virus Ag

**Specimen:** Eye Secretion  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFHVCI**

### FIV Ab+FeLV Ag+FCoV Ab Combo

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T, 5 T

**VAIECCI**

### Feline Calicivirus Ag

**Specimen:** Secretions  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T

**VAFCVCI/VAFCVACI**

### FHV Ag+ FCV Ag Combo

**Specimen:** Secretions  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFHCCI**

### FCV+FHV+FCoV+FPV Ag Combo

**Specimen:** Feces+Secretions  
**Format:** Cassette  
**Kit Size:** 10 T

**VACHCPCI**

### FPV+FCV+FHV Ab Combo

**Specimen:** Serum/Plasma,  
Feces+Secretions  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFPCHACI/VAFPCHCI**

### Feline Serum Amyloid A

**Specimen:** Whole Blood/  
Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFSACI**

### FPV+TOXO+FCoV+ FHV+FCV Ag Combo

**Specimen:** Feces+Secretions  
**Format:** Cassette  
**Kit Size:** 10 T

**VACHCPCI**

### Feline Heartworm Ag

**Specimen:** Whole Blood/  
Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFHWCI**

### FPV Ag+Giardia Lambliia Ag Combo

**Specimen:** Feces  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T

**VAFPGCI/VAFPGACI**

### FCoV Ag+FPV Ag+ Giardia Lambliia Ag

**Specimen:** Feces  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T

**VAFFGCI/VAFFGACI**

### Feline Immunodeficiency Virus Ab

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFIVCI**

### FPV+TOXO+FCoV+FHV+FCV Ag Combo

**Specimen:** Feces+Secretions  
**Format:** Cassette  
**Kit Size:** 10 T

**VAFICCI**

## Porcine Rapid Test Range

### Porcine Reproductive and Respiratory Syndrome Virus Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAPRRCI

### Porcine Circovirus type II Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAPCVCI

### Porcine Pseudorabies Virus gE (PRV-gE) Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAPRECI

### Porcine Pseudorabies Virus gB Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAPRBCI

### New Swine Flu (G4 EA H1N1) Ag

**Specimen:** Nasal Swab

**Format:** Cassette

**Kit Size:** 10 T

VANSFCI

### Porcine Trichinella Ab

**Specimen:** Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VATRCCI

### Foot and Mouth Disease Virus type A Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAPFMCI

### African Swine Fever Virus P30/P54/P72 Ab Combo

**Specimen:** Serum/Plasma, Whole Blood/Plasma/Serum

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

VAASFCCI/VAASFACI

### African Swine Fever virus Ag

**Specimen:** Tissue, Whole Blood/Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VAASFBCI/VAASFCCI

### Classical Swine Fever Virus (CSFV) Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

VACSFCI

## Bovine Rapid Test Range

### Foot and Mouth Disease

#### Virus type O Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VAFMOCI**

### Foot and Mouth Disease

#### Virus type A (B.FMDV-A) Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VABFMACI**

### Rotavirus Ag

**Specimen:** Feces

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

**VAROCI/VAROACI**

### Bovine Tuberculosis Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VAMPBCI**

### Bovine Viral Diarrhoea Virus Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VABVDCI**

### Bovine Viral Diarrhoea Virus Ag

**Specimen:** Tissue

**Format:** Cassette

**Kit Size:** 10 T

**VABVDGCI**

### Bovine Brucella Ag

**Specimen:** Whole Blood/Serum/ Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VABACI**

### Bovine and sheep Brucella Ab

**Specimen:** Whole Blood/Serum/ Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VABRCI**

### Bovine Pregnancy (PAG)

**Specimen:** Plasma/Serum

**Format:** Cassette

**Kit Size:** 10 T

**VAPAGCI**

### Cattle Pregnancy

**Specimen:** Plasma/Serum/Milk

**Format:** Cassette

**Kit Size:** 10 T

**VAPROGCI**

### Foot and Mouth Disease Virus Non-Structural Protein Ab

**Specimen:** Serum/Plasma

**Format:** Cassette

**Kit Size:** 10 T

**VAFMNCI**

### Rotavirus+Cryptosporidia+Coronavirus+E. Coli Ag Combo

**Specimen:** Feces

**Format:** Cassette, Cup

**Kit Size:** 10 T, 5 T

**VARCCECI/VARCCEACI**

## Other Rapid Test Range

### Giardia lamblia Ag

**Specimen:** Feces  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T  
**Range Mark:** Feline, Canine  
**VAGDCI/VAGDACI**

### Equine Infectious Anemia Virus (EIAV) Antibody

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T  
**VAEIAVCI**

### Equine Influenza Virus (EIV) Antigen

**Specimen:** Swab  
**Format:** Cassette  
**Kit Size:** 10 T  
**VAEIVCI**

### SARS-CoV-2 Ag

**Specimen:** Swab  
**Format:** Cassette  
**Kit Size:** 10 T

**VACOVCI**

### Toxoplasma IgG/IgM Ab

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette **Kit Size:** 10 T  
**Range Mark:** Canine, Bovine, Otter, Equine, Feline,  
**Wolf Range Mark:** Canine, Bovine, Otter, Equine, Feline, Wolf  
**VATGMCI**

### Lyme IgG/IgM Ab

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette **Kit Size:** 10 T  
**Range Mark:** Canine, Feline, Bovine, Equine  
**VALYCI**

### Newcastle Disease Virus (NDV) Ag

**Specimen:** Feces/Secretions  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T

**VANDVCI/VANDVACI**

### Leptospira IgG/IgM Ab

**Specimen:** Whole Blood/Serum/Plasma  
**Format:** Cassette  
**Kit Size:** 10 T  
**Range Mark:** Canine, Porcine, Bovine, Equine  
**VALEPCI**

### Toxoplasma Ag

**Specimen:** Feces/Serum/Plasma  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T  
**Range Mark:** Feline, Canine, Porcine, Bovine, Equine, Goat, Sheep, Camel, Avian  
**VATOCI/VATOACI**

### Cryptosporidium Ag

**Specimen:** Feces  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T  
**Range Mark:** Bovine, Goat, Sheep, Porcine, Equine, Canine, Feline, Rabbit  
**VACRCI/VACRACI**

### Avian Influenza Virus (AIV) Ag

**Specimen:** Laryngotracheal secretion/Feces  
**Format:** Cassette  
**Kit Size:** 10 T

**VAAIVCI**

### Avian Influenza Virus H5 (AIV H5) Ag

**Specimen:** Laryngotracheal secretion/Feces  
**Format:** Cassette, Cup **Kit Size:** 10 T, 5 T  
**VAAIVACI/VAAIVBCI**

### MERS-CoV Antigen

**Specimen:** Secretions  
**Format:** Cassette  
**Kit Size:** 10 T

**VAMCOCI**

### Avian Leukosis Ag

**Specimen:** Meconium/Cloaca Swab/Egg White, Meconium/Cloaca Swab  
**Format:** Cassette, Cup  
**Kit Size:** 10 T, 5 T  
**VAALVCI/VAALVACI**

### Avian Influenza Virus H7 (AIV H7) Ag

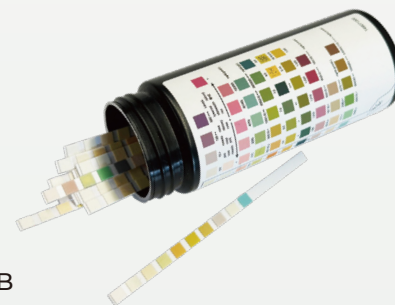
**Specimen:** Laryngotracheal secretion/Feces  
**Format:** Cassette  
**Kit Size:** 10 T

**VAAIVCCI**

## Veterinary Urinalysis

### Urinalysis Reagent Strips

**Specimen:** Urine  
**Format:** Dipstick  
**Kit Size:** 100 T  
**Analytes:** LEU/NIT/URO/pH/BLO/SG/KET/BIL/GLU/ASC/CRE/CA/ALB



## Urine Analyzer CTA-VUA

### Technical Specifications

<b>Principle:</b>	Photoelectric Colorimetry
<b>Testing Speed :</b>	60 tests/hour
<b>Data Memory:</b>	10,000 Results
<b>Strip Incubation Time:</b>	1 Minute
<b>Light Wavelength:</b>	470 nm, 525 nm and 625 nm
<b>Display :</b>	3.5" LCD touch screen
<b>Printer:</b>	Built-in thermal printer
<b>Connectivity:</b>	RS232 port , USB 2 ports
<b>Working Condition:</b>	10-30°C, RH≤ 80%, 86-106kPa
<b>Working Voltage:</b>	AC100-240V, 50/60Hz, 5V DC, 2A or 4x1.5V AA Size Alkaline Batteries
<b>Weight:</b>	600 g
<b>Dimensions(L/W/H):</b>	200*137*52 mm



## Blood Glucose/Ketone Meter CTA-VDCA/VDCAt

### Technical Specifications

<b>Methodology</b>	Electrochemistry
<b>Test time</b>	Blood Glucose (GDH): 5 Seconds Blood Ketone: 8 Seconds
<b>Measurement Range</b>	Blood Glucose (GDH): 1.1~33.3mmol/L (20~600 mg/dL) Blood Ketone: 0.0~8.0 mmol/L
<b>Specimen Hematocrit</b>	Whole Blood (Capillary or venous whole blood) 20%~70%
<b>Specimen Volume</b>	Blood Glucose (GDH): 0.8 µL Blood Ketone: 1.2 µL
<b>Power Source</b>	2 AAA batteries
<b>Battery Life</b>	Approx. 500 tests
<b>Units of Measure</b>	Blood Glucose (GDH): mmol/L or mg/dL Blood Ketone: mmol/L
<b>Memory</b>	Blood Glucose Records: 800 Blood Ketone Records: 200
<b>Automatic Shut Off</b>	2 minutes after the last action
<b>Meter Dimension</b>	62 mm×101 mm×32 mm
<b>Display Size</b>	36 mm×46 mm
<b>Weight (without battery)</b>	68 g (Approx.)



## Lateral Flow (LF) Reader Plus CTA-VRB

### Technical Specifications

<b>Principle :</b>	Optical Imaging and Image Processing
<b>Test Format :</b>	Dipstick, Cassette and Panel
<b>Touch Screen</b>	7 Inches
<b>Measurement :</b>	Qualitative/Semi-Quantitative/Quantitative
<b>Read Time :</b>	5 Seconds
<b>Power Source :</b>	DC 12V, 2A
<b>Dimensions(L*W*H) :</b>	220*204*173 mm
<b>Weight :</b>	< 1.5 kg
<b>Data Storage :</b>	Up to 3,000 Records
<b>Connecting Ports :</b>	LAN Port, 4 USB Ports
<b>Printer :</b>	Built-in thermal printer



## Fluorescence Immunoassay Analyzer CTA-VFA

### Technical Specifications

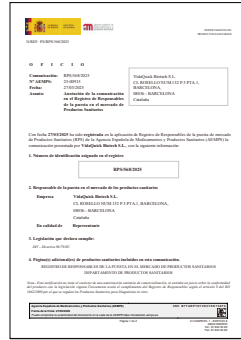
<b>Test Method :</b>	Dry-type Fluorescent Immunoassay
<b>Test Format :</b>	Cassette
<b>Measurement :</b>	Quantitative, Qualitative
<b>Reading Time :</b>	< 20 Seconds
<b>Display :</b>	7" LCD touch screen
<b>Memory :</b>	10000 Records
<b>Dimensions(L*W*H) :</b>	233*238*229 mm
<b>Weight :</b>	2.3 kg
<b>Storage Conditions :</b>	5-45 °C, RH 85%
<b>Working Conditions :</b>	10-30 °C, RH 85%
<b>Printer :</b>	Built-in thermal printer
<b>Power Source :</b>	100-240VAC, 50/60Hz
<b>Compatibility :</b>	LIS
<b>Scanner :</b>	Laser barcode scanner with USB port
<b>Connectivity :</b>	USB 2 ports, LAN port, RS232 COM port (WLAN is an optional function)



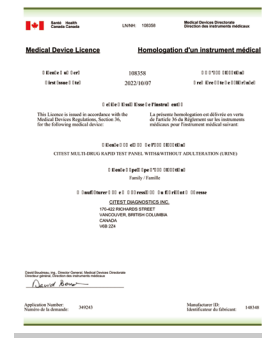
# CERTIFICATES



IVDR



IVDD



Health Canada



ISO 13485



CE 2934



MHRA





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If you are interested in obtaining more information, please contact us at [info@citestdiagnostics.com](mailto:info@citestdiagnostics.com)