



**Smart
Healthcare
Technologies**

Product Catalog >





Eaglenos Sciences, Inc.

Table of contents

Introduction	4
Near Patient Testing	7
Blood Gas Analysis System	8
Electrolyte Analysis System	10
Handheld Meters	12
Multi-Functional Test System	13
Blood Glucose and Ketone	14
Blood Glucose and Uric Acid	15
Blood Glucose and Lactate	16
Blood Glucose, Uric Acid, and Creatinine	17
Veterinary care	18
Blood Glucose and Ketone Meter	19
Blood Gas Analysis System	20
Electrolyte Analysis System	22



About Eaglenos

Eaglenos Sciences, Inc., founded in 2018, specializes in the development, manufacturing and marketing of point-of-care diagnostic devices for near-patient testing and home care. **Powered by cutting edge technologies in electrochemistry, microfluidics, signal acquisition, and automation,** Eaglenos has quickly become a leading force in precise POCT products targeting diabetes, hyperuricemia, cardiovascular, cerebrovascular diseases and acute care testing. We have successfully launched blood gas analysis system, electrolyte analysis system, blood glucose/lactate/ketone/uric acid/total cholesterol/creatinine test systems, and most recently continuous monitoring devices.

Eaglenos has since obtained the ISO system certification, more than 20 NMPA certificates, FDA device listing, CE IVDD others and IVDR A certificates. Inspired by our core values of **“quality, innovation, cooperation and accountability”**, Eaglenos is committed to providing top quality diagnostic products and digital systems for a better, healthier life.

4 { core technology platforms }

Microfluidics

Electrochemistry

Signal
Acquisition

Automation

**Advance personalized
healthcare
through precision
measurements
and technological
innovation.**



What we do

Eaglenos specializes in developing diagnostic devices tailored for home care and bedside testing. From acute care blood testing systems, to self-monitoring meters and wearable devices for chronic diseases, our product lineup includes blood gas biochemical analyzers, electrolyte analyzers, versatile meters for blood glucose, lactate, ketone, creatinine, total cholesterol, and uric acid, as well as continuous glucose monitoring devices.

Eaglenos electrochemical technology is distinguished by its **unparalleled sensitivity, stability, rapid detection time, and minimal sample requirements.** It seamlessly incorporates intricate functional elements from analytical laboratories into compact devices, ensuring an expeditious and user-friendly experience.

Lab-on-a-chip
Portable
Maintenance-free



***Microfluidic
electrochemical***
technology revolutionizes
near-patient care.

Blood Gas Analyzer

Catalog No. EN102

Advanced Features:

- Measures 10 parameters: pH, $p\text{CO}_2$, $p\text{O}_2$, K^+ , Na^+ , Cl^- , iCa^{2+} , Glucose, Lactate, HCT.
- Calculated 27 parameters: $\text{cH}^+(\text{T})$, $\text{pH}(\text{T})$, $p\text{CO}_2(\text{T})$, $p\text{O}_2(\text{T})$, $p\text{O}_2(\text{A-a})(\text{T})$, $p\text{O}_2(\text{a/A})(\text{T})$, $\text{RI}(\text{T})$, $p\text{O}_2(\text{T}) / \text{FiO}_2$, cH^+ , $\text{iCa}^{2+}(7.4)$, $\text{HCO}_3^- \text{act}$, $\text{HCO}_3^- \text{std}$, $\text{BE}(\text{ecf})$, $\text{BE}(\text{B})$, $\text{BB}(\text{B})$, AG , $\text{sO}_2(\text{est})$, $\text{tHb}(\text{est})$, TCO_2 , $p\text{O}_2(\text{A-a})$, $p\text{O}_2(\text{a/A})$, RI , mOsm , $p\text{O}_2/\text{FiO}_2$, $\text{AG}(\text{K}^+)$, $p\text{O}_2(\text{A})$, $p\text{O}_2(\text{A})(\text{T})$.
- Microfluidic electrochemical technology, transferring the function of an analytical laboratory onto a chip.
- Convenient Storage: Test cartridges can be stored at room temperature for up to 8 months.

Efficiency and Accuracy:

- Instant Operation: No pre-heating, instant test on arrival.
- Swift Calibration and Testing: Complete the calibration and testing process in less than 4 minutes.
- Built-in Calibration Solution: Provides laboratory-level test results, ensuring accuracy.

User-friendly Experience:

- Immediate Bedside Results: Conducts whole blood testing effortlessly for instant results.
- Minimum sample volume requirement (150 μL)
- Maintenance-Free Design: The instrument has no fluidic pathways, ensuring hassle-free operations and minimal maintenance.
- 8-inch LCD 480p capacitive touch screen; Built-in video tutorials offering step-by-step guidance for efficient operations.

Portability and Data Storage:

- Compact and portable design for on-the-go use.
- Long-lasting Performance: Perform over 60 consecutive tests on a single charge with the built-in lithium battery.
- Built-in bar code scanner and thermal printer.
- Extensive Data Storage: Capable of storing over 100,000 records, with the option to connect to LIS/HIS for seamless data management.

Subject	Specifications
Sample types	Arterial and venous blood
Testing principle	Electrochemistry/Microfluidic method
Blood sample requirement	150 μL
Test time	Calibration less than 3 minutes; Measuring time less than 45 seconds
Memory capacity	100,000 test results and 10,000 quality control results
Operating temperature	10 °C–31 °C
Display screen	8-inch color touch screen
Printer	Built-in
Code scanner	Built-in
Dimensions	235 mm × 210 mm × 160 mm (± 10 mm)
Weight	3.0 $\pm$ 0.5 kg (with battery)



- Comprehensive analysis of 37 parameters
- Microfluidic electrochemical technology
- Maintenance free



Parameter	Accuracy	Range	Precision
K ⁺	± 3.0%	2.0-9.0 mmol/L	≤ 1.5%
Na ⁺	± 3.0%	100-180 mmol/L	≤ 1.5%
Cl ⁻	± 3.0%	65-140 mmol/L	≤ 1.5%
iCa ²⁺	≥ 1.00 mmol/L, ± 5.0%; < 1.00 mmol/L, ± 0.05 mmol/L	0.25-2.50 mmol/L	≤ 1.5%
pH	± 0.04	6.500-8.000	≤ 0.02
pCO ₂	≥ 62.0 mmHg, ± 8.0%; < 62.0 mmHg, ± 5.0 mmHg	10.0-150.0 mmHg	≥ 62.0 mmHg, CV ≤ 4.0%; < 62.0 mmHg, SD ≤ 2.5 mmHg
pO ₂	≥ 50 mmHg, ± 15.0%; < 50 mmHg, ± 7.5 mmHg	10-700 mmHg	≤ 5.0%
Glu	≥ 4.0 mmol/L, ± 10.0%; < 4.0 mmol/L, ± 0.4 mmol/L	1.1-38.0 mmol/L	≥ 4.0 mmol/L, CV ≤ 5.0%; < 4.0 mmol/L, SD ≤ 0.2 mmol/L
Lac	≥ 5.00 mmol/L, ± 12.0%; < 5.00 mmol/L, ± 0.6 mmol/L	0.50-20.00 mmol/L	≥ 5.00 mmol/L, CV ≤ 6.0%; < 5.00 mmol/L, SD ≤ 0.3 mmol/L
HCT	≥ 50% PCV, ± 6.0%; < 50% PCV, ± 3% PCV	10%-70% PCV	≥ 50% PCV, CV ≤ 3%; < 50% PCV, SD ≤ 1.5% PCV

Electrolyte Analyzer

Catalog No. P1

Advanced Features:

- 5-in-1 Cartridge: Allows concurrent testing of 5 electrolytes, covering K⁺, Na⁺, Cl⁻, iCa²⁺, and iMg²⁺.
- Ionized Magnesium (iMg²⁺) Testing: Enables clinical monitoring of hypomagnesemia and hypermagnesemia.
- Cutting-edge Technology: Utilizes electrochemical technology, featuring a patented pellet structure design and exclusive molecular probes and algorithms.

Efficiency and Accuracy:

- Swift calibration and testing in less than 5 minutes
- Built-in calibration solution.

User-friendly Experience:

- Immediate Bedside Results: Conducts whole blood/serum/plasma testing effortlessly for instant results.
- Minimum sample volume requirement (110 µL).
- Maintenance-Free Design: The instrument has no fluidic pathways, ensuring hassle-free operations and minimal maintenance.
- Convenient Storage: Test cartridges can be stored at room temperature for up to 8 months.

Portability and Data Storage:

- Compact and portable design for on-the-go use.
- Long-lasting Performance: Perform over 50 consecutive tests on a single charge with the built-in lithium battery.
- Built-in barcode scanner and thermal printer.
- Extensive Data Storage: Capable of storing over 99,999 records, with the option to connect to LIS/HIS for seamless data management.

Subject	Specifications
Sample types	Venous whole blood, plasma, and serum
Testing principle	Electrochemistry/Microfluidic method
Blood sample requirement	110 µL
Measuring time	5 ± 0.5 min (including calibration)
Memory capacity	99999 results
Usage temperature	10 °C-30 °C
Cartridge storage condition	Store between 2 °C and 30 °C for up to 8 months
Display screen	7-inch color touch screen
Device service life	5 years
Printer	Built-in
Code scanner	Built-in
Dimensions	240 mm x 120 mm x 110 mm (± 10 mm)
Weight	1.5 ± 0.2 kg (with battery)



- 5-in-1 cartridge
- Including iMg^{2+}
- Maintenance free

Parameter	Accuracy	Range	Repeatability
K^+	$\pm 3.0\%$	1.0-15.0 mmol/L	$\leq 1.5\%$
Na^+	$\pm 3.0\%$	100-200 mmol/L	$\leq 1.5\%$
Cl^-	$\pm 3.0\%$	65-160 mmol/L	$\leq 1.5\%$
iCa^{2+}	$\pm 5.0\%$	0.25-4.00 mmol/L	$\leq 1.5\%$
iMg^{2+}	± 0.05 mmol/L	0.2-1.5 mmol/L	$\leq 3.0\%$

Accurate
Reliable
Effortless



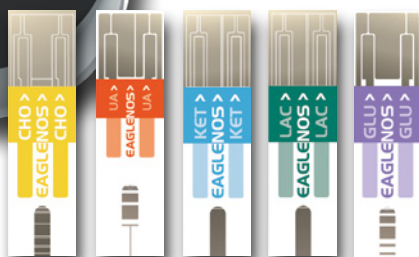
A complete range of
handheld meters covers
the critical indicators for
your daily health needs.



Multi-Functional Meter

Catalog No. EN601

Comprehensive monitor for chronic metabolic diseases.



Key Features:

- 7-in-1 multi-functional meter for accurate reading of glucose, lactate, ketone, uric acid, total cholesterol, hematocrit, and hemoglobin.
- 7-gold electrodes technology guarantees superior anti-interference performance.
- Smartphone app offers intelligent management of patient data.
- Wireless transmission provides real-time data updates.
- Accommodates a diverse range of samples with its wide HCT range.
- User-friendly design with audible test results.
- Easy ejection of test strips avoids cross contamination.

Subject	Specifications
Technology type	Electrochemistry
Sample types	Fresh fingertip capillary and venous whole blood
Blood sample requirements	GLU, LAC, KET: 0.8 μ L; UA: 1.5 μ L; TC: 1.7 μ L
Test time	GLU 5 s; UA 10 s; LAC 10 s; KET 10 s; TC 22 s
Hematocrit range	GLU 10%-65%; UA 33%-55%; LAC 30%-60%; KET 30%-60%; TC 30%-60%
Memory capacity	7000 sets
Power supply	Lithium battery
Operating condition	GLU 10 °C-40 °C; UA 15 °C-35 °C; LAC 15 °C-35 °C; KET 15 °C-35 °C; TC 10 °C-40 °C
Device service life	4 years
Dimensions	66 mm $\times$ 119 mm $\times$ 20 mm ($\pm$ 5 mm)
Auto strip ejection	Yes

Blood Glucose and Ketone Meter

Catalog No. EN510

For effective monitoring of diabetic ketoacidosis.

Key Features:

- **Dual functionality:** Blood glucose and ketone.
- Swift results facilitated by the gold electrodes: 5 s for blood glucose and 10 s for blood ketone.
- **7-gold electrodes** technology guarantees superior anti-interference performance.
- Upgraded temperature and HCT compensation algorithms ensure precise and stable test results.
- Easy-to-use smart coding chip.



Subject	Specifications
Technology type	Electrochemical biosensor technology
Range of measurement	Blood glucose: 0.6–33.3 mmol/L; Blood ketone: 0.1–8.0 mmol/L
Sample types	Fresh fingertip capillary and venous whole blood
Blood sample requirement	0.8 μ L
Test time	Blood glucose result in 5 s; Blood ketone result in 10 s
Hematocrit range	Blood glucose test: 10%–65%; Blood ketone test: 30%–60%
Memory capacity	800 sets
Operating condition	Blood glucose test: 10 °C–40 °C; Blood ketone test: 15 °C–35 °C
Device service life	5 years
Dimensions	107 mm x 54 mm x 23 mm ($\pm$ 5 mm)
Auto strip ejection	Yes



Blood Glucose and Uric Acid Meter

Catalog No. EN410

For routine monitoring of gout and hyperuricemia.

Key Features:

- **Dual Functionality:** Blood glucose and uric acid.
- **7-Gold Electrodes:** Enhanced conductivity and stability.
- **Intelligent Recognition:** Auto-identification of strip types.
- **HCT Compensation:** Suitable for a wide range of applications.
- **Bluetooth:** Wireless connectivity; App-based data sharing and management.
- **Easy Strip Ejection:** Preventing cross contamination.

Subject	Blood Glucose	Uric Acid
Sample volume	0.8 μ l	1.5 μ l
Sample type	Fresh fingertip capillary and venous whole blood	Fresh fingertip capillary and venous whole blood
Measurement range	0.6-33.3 mmol/L	181-1188 μ mol/L
HCT range	10%-65%	30%-55%
Test time	5 s	10 s
Operating temperature	10 °C-40 °C	15 °C-35 °C
Test strip storage temperature	2 °C-30 °C	4 °C-30 °C

Blood Glucose and Lactate Meter

Catalog No. EN310

Your smart
fitness assistant.

Key Features:

- **Dual functionality:** Blood glucose and lactate.
- Swift results facilitated by the gold electrodes: 5 s for blood glucose and 10 s for lactate.
- **7-gold electrodes** technology guarantees superior anti-interference performance.
- Requires only 0.8 μ L of blood, ensuring minimal discomfort during testing.
- Accommodates a diverse range of samples with its wide HCT range.
- Upgraded temperature and HCT compensation algorithms ensure precise and stable test results.



Subject	Specifications
Technology type	Electrochemical biosensor technology
Range of measurement	Blood glucose: 0.6–33.3 mmol/L; Blood lactate: 0.5–28.0 mmol/L
Sample types	Fresh fingertip capillary and venous whole blood
Blood sample requirement	0.8 μ L
Test time	Blood glucose result in 5 s; Blood lactate result in 10 s
Hematocrit range	GLU 10%–65%; LAC 30%–60%
Memory capacity	800 sets
Operating condition	GLU 10 °C–40 °C; LAC 15 °C–35 °C
Device service life	5 years
Dimensions	107 mm × 54 mm × 23 mm ($\pm$ 5 mm)
Auto strip ejection	Yes

NEW
product



Blood Glucose, Uric Acid, and Creatinine Meter

Catalog No. EN432

Monitoring of kidney disease and associated complications.

Key Features:

- **5-in-1:** Blood creatinine (calculated Hemoglobin and eGFR), glucose, and uric acid.
- **7-Gold Electrodes:** Enhanced conductivity and stability.
- **Intelligent Recognition:** Auto-identification of strip types.
- **HCT Compensation:** Suitable for a wide range of applications.
- **Bluetooth:** Wireless connectivity; App-based data sharing and management.
- **Easy Strip Ejection:** Preventing cross contamination.

Subject	Creatinine	Blood Glucose	Uric Acid
Sample volume	2.0 μ l	0.8 μ l	1.5 μ l
Sample type	Fresh fingertip capillary and venous whole blood	Fresh fingertip capillary and venous whole blood	Fresh fingertip capillary and venous whole blood
Measurement range	Creatinine: 25-1150 μ mol/L HB: 10-20 g/dL	0.6-33.3 mmol/L	181-1188 μ mol/L
HCT range	30%-60%	10%-65%	30%-55%
Test time	30 s	5 s	10 s
Operating temperature	10 °C-40 °C	10 °C-40 °C	15 °C-35 °C
Test strip storage temperature	2 °C-30 °C	2 °C-30 °C	4 °C-30 °C

A brown-tinted background image featuring a dog on the left and a cat on the right. The dog is looking forward with its tongue out, and the cat is looking towards the camera.

Next generation
veterinary care



Best-in-class POCT
devices ensuring the
optimal wellbeing of
animals.

Blood Glucose and Ketone Meter

Catalog No. M210V

10 s precise measurement of blood ketone.

Ketosis is a metabolic disease most common in the early postpartum period of dairy cows. The percentage of dairy cows in China with ketosis is 15%–30%, 5% in the U.S., 17.3% in India, and as high as 43.1% in Japan. Studies show that a sick cow produces 1000–1500 kg less milk in one lactation period leading to great economic losses.



Key Features:

- **Dual functionality** for blood glucose and ketone.
- **Swift results** facilitated by the gold electrodes: 5 s for blood glucose and 10 s for blood ketone.
- **7-gold electrodes** technology guarantees superior anti-interference performance.
- Requires only 0.8 μ L of blood, ensuring minimal discomfort during testing.
- Accommodates a diverse range of samples with its wide HCT range.
- Upgraded temperature and HCT compensation algorithms ensure precise and stable test results.

Reference range for cow ketosis

Interpretation	Concentration of ketone in blood (mmol/L)
Healthy	< 1.4
Subclinical ketosis	1.4–3.0
Clinical ketosis	> 3.0

Subject	Specifications
Technology type	Electrochemical biosensor technology
Range of measurement	Blood ketone: 0.1–8.0 mmol/L; Blood glucose: 0.6–33.3 mmol/L
Sample types	Venous and capillary whole blood
Sample Volume	0.8 μ L
Test time	Blood ketone: 10 s; Blood glucose: 5 s
Memory	800 sets
Operating condition	Temperature: Blood ketone test: 15 °C–35 °C; Blood glucose test: 10 °C–40 °C RH: 10%–85%, Atmospheric pressure: 70 kPa–106.6 kPa
Device service life	5 years
Auto-ejection	Yes
Data transfer	Yes

Blood Gas Analyzer

Catalog No. EG-i30V



Analyzer

- Accurate, reliable, and maintenance-free.
- Lightweight and portable.
- User-friendly design.
- Smart identification.
- Automatic quality control.

Test Cartridge

- 37 parameters of blood gases, electrolytes, and metabolites.
- Precision industrial design.
- Instant detection, cost-effective, and environmentally friendly.
- Automatic calibration during testing ensuring reliable results.

Parameter	Range	Unit
K ⁺	2.0-9.0	mmol/L
Na ⁺	100-180	mmol/L
Cl ⁻	65-140	mmol/L
iCa ²⁺	0.25-2.50	mmol/L
pH	6.500-8.000	-

Parameter	Range	Unit
pCO ₂	10.0-150.0	mmHg
pO ₂	10-700	mmHg
Glu	1.1-38.0	mmol/L
Lac	0.50-20.00	mmol/L
HCT	10-70	% PCV

Subject	Specifications
Model	EG-i30V
Operating condition	10 °C-31 °C
Sample	Whole blood
Technology	Electrochemistry/Microfluidic method
Sample volume	150 µL
Size	235 mm x 210 mm x 160 mm (±10 mm)
Weight	3.0 ± 0.5 kg (with battery)
Test time	Calibration less than 3 minutes; Measuring time less than 45 seconds
Memory	100,000 test results and 10,000 control results

Test parameters and indications

K⁺

Animals experiencing long-term symptoms such as anorexia, vomiting, diarrhea, muscle weakness, bradycardia, ventricular hypertrophy, oliguria, anuria, polyuria, adrenal cortical dysfunction, renal failure, diabetic ketoacidosis, urethral obstruction, urinary retention, or frequent obstructive urination, as well as those using diuretics like furosemide, thiazides, spironolactone, or ACE inhibitors like enalapril, should have their blood potassium levels tested.

Na⁺

Animals with symptoms such as vomiting, diarrhea, polydipsia, polyuria, muscle weakness, abnormal behavior, restlessness, edema, pleural or abdominal effusion, dehydration, as well as those with diagnosed adrenal, renal, hepatic, or cardiac failure, prolonged fluid therapy, diuretic treatment, or not drinking water, should have their blood sodium levels tested.

Cl⁻

Animals with symptoms such as vomiting, diarrhea, dehydration, polyuria, polydipsia, or acid-base imbalance should have their blood chloride levels tested.

iCa²⁺

Animals with symptoms such as lethargy, anorexia, vomiting, constipation, weakness, polydipsia, polyuria, facial itching, restlessness, muscle tremors or fasciculations, hind limb spasms, convulsions, sudden-onset illness, abnormal blood nitrogen levels, diffuse bone disease, or prolonged QT interval on an electrocardiogram should have their blood calcium levels tested.



Glu

There are two blood glucose indicators used for testing: namely fasting blood glucose and 2-hour postprandial blood glucose. These are used to assess diabetes, hypoglycemia, hyperglycemia, and endocrine disorders.

Lac

Blood lactate levels should be tested in animals experiencing shock, excessive exercise, metabolic myopathies (especially in Labrador Retrievers), metabolic acidosis, fluid therapy in shock, and in the diagnosis and prognosis of critically ill animals (such as those with gastric dilatation-volvulus, intestinal torsion, or intussusception).

HCT

Hematocrit (HCT) levels should be tested in animals experiencing anemia, dehydration, blood loss, bone marrow disorders, chronic diseases, or those undergoing surgery or trauma. It is also useful in monitoring response to treatments like fluid therapy or transfusions.

pH

The pH level indicates the acidity or alkalinity of the blood. In animals, pH is a critical indicator of metabolic and respiratory health. Measuring pH helps veterinarians understand the body's acid-base status and make informed decisions about treatment and management of various health conditions.

pCO₂

Partial pressure of carbon dioxide (pCO₂) indicates the amount of carbon dioxide dissolved in the blood. Testing pCO₂ in animals is recommended in the following situations: respiratory disorders, anesthesia, critical illness, cardiac arrest, metabolic disorders, and monitoring ventilation. Overall, pCO₂ testing helps veterinarians understand the respiratory status of animals and guides appropriate management and treatment strategies.

pO₂

Partial pressure of oxygen (pO₂) indicates the amount of oxygen gas dissolved in the blood. It is an important indicator of how well oxygen is being transferred from the lungs to the bloodstream. Testing pO₂ in animals is recommended in the following situations: respiratory distress, anesthesia, critical illness, pulmonary disease, cardiac disease, post-surgery, and high-altitude.

Electrolyte Analyzer

Catalog No. P1Vet



Analyzer

- **Including ionized magnesium:** For monitoring of hypomagnesemia and hypermagnesemia.
- **Fast and accurate:** Provide accurate results in approximately 5 minutes; auto-calibration before each test.
- **Easy to use:** Convenient on-site testing with whole blood/plasma/serum sample.
- **Maintenance free:** No fluid pathways inside device, no reagent packs required.
- **Accurate and reliable:** Each test card comes with its own calibration solution. The analyzer is equipped with electronic and liquid quality control systems, providing laboratory-quality testing results.
- **Portable:** Light weight - 1.5 ± 0.2 kg with battery.

Test Cartridge

- **5-in-1 cartridge:** Simultaneously tests 5 parameters: K^+ , Na^+ , Cl^- , iCa^{2+} , and iMg^{2+} .
- **No risk of sample contamination:** Single-use cartridges eliminate the risk of contamination.



Parameter	Test Range (mmol/L)	Reference range (mmol/L) Dog	Reference range (mmol/L) Cat
K^+	1.0-15.0	3.5-5.8	3.5-5.8
Na^+	100-200	144-160	150-165
Cl^-	65 - 160	109-122	112-129
iCa^{2+}	0.25-4.00	1.25-1.50	1.13-1.38
iMg^{2+}	0.2-1.5	0.58-0.99	0.62-1.25

Test parameters and indications

K⁺

Animals experiencing long-term anorexia, vomiting, diarrhea, muscle weakness, bradycardia, ventricular hypertrophy, oliguria, anuria, and polyuria, as well as adrenal cortical dysfunction, acute or chronic renal failure, diabetic ketoacidosis, chronic vomiting, urethral obstruction, abdominal urinary retention, or obstructive urinary frequency, and the use of diuretic medications such as furosemide, thiazides, spironolactone, or angiotensin-converting enzyme inhibitors like enalapril, should have their blood potassium levels tested.

Na⁺

Animals with symptoms such as vomiting, diarrhea, polydipsia, polyuria, muscle weakness, abnormal behavior, mental abnormalities, restlessness, edema, pleural or abdominal effusion, dehydration, as well as diagnosed adrenal, renal, hepatic, or cardiac failure, prolonged fluid therapy or diuretic treatment, and animals not drinking water, should have their blood sodium levels tested.

Cl⁻

Animals with symptoms such as vomiting, diarrhea, dehydration, polyuria, polydipsia, or acid-base imbalance should have their blood chloride levels tested.

iCa²⁺

Animals with symptoms such as lethargy, anorexia, vomiting, constipation, weakness, polydipsia, polyuria, or exhibiting facial itching, restlessness, muscle tremors or fasciculations, hind limb spasms, convulsions, or sudden-onset illness, as well as abnormal blood nitrogen levels, diffuse bone disease, and prolonged QT interval on electrocardiogram, should have their blood calcium levels tested.

iMg²⁺

Animals showing signs of muscle tremors or seizures, weakness or lethargy, abnormal heart rhythms, anorexia or loss of appetite, vomiting, diarrhea, neurological symptoms, or after prolonged diuretic therapy, renal or gastrointestinal disease, and suspected with electrolyte imbalance should have their blood magnesium levels measured. Testing magnesium levels can help diagnose conditions such as hypomagnesemia or hypermagnesemia, which may require immediate medical intervention.



Subject	Specifications
Model	PIVet
Operating condition	10 °C-30 °C
Sample type	Venous whole blood, serum, plasma
Technology	Electrochemistry/Microfluidic Method
Sample volume	110 µL
Size	240 mm x 120 mm x 110 mm (± 10 mm)
Weight	1.5 ± 0.2 kg (with battery)
Test time	5 min
Memory	99999 results



Eaglenos Sciences (Switzerland) AG

Tel: +41 782166266

Address: Bachtobelstrasse 5, 8810 Horgen, Switzerland

Email: info.ch@eaglenos.com

Website: www.eaglenos.com/en

North America Office

Tel: +1 (888) 522-6398

Address: 3928 Varsity Dr., Ann Arbor, MI 48108, USA

Email: info@eaglenos.com

Website: www.eaglenos.com/en

Eaglenos Sciences, Inc

Tel: +86 400-019-0069

Address: B2-2, Treehouse Headquarters Cluster, No.73 Tanmi Road,
Nanjing Jiangbei New Area, Nanjing, Jiangsu, 210044, China

Email: info@eaglenos.com

Website: www.eaglenos.com/en

