

Advanced Features



Swift calibration
and test



Easy to use
(video tutorial
included)



Room temperature
stored test cartridges
for up to 8 months



Maintenance free
(no liquid pathways)



Compact
and portable



Long lasting
performance



Built-in
barcode scanner



Built-in
thermal printer



Compatible
with HIS/LIS data
transfer systems



Large storage
capacity (over
100,000 entries)



Single-use cartridges
no cross contamination,
no waste of reagents



Minimal sample
volume, minimal
discomfort

How to use



1

Scan the barcode
on the cartridge
pouch and take
out the cartridge.



2

Fill the inlet with
sample till the fill
mark and cover
the cap to seal the
sample inlet.



3

Insert the
cartridge until
it clicks. Wait
for the results.

For in vitro diagnosis only

For the intended use of the product, precautions and contraindications, please refer to the instructions.
This material is intended for academic exchange and training of professionals only.

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

Eaglenos

Next-Generation
Veterinary Diagnostics

Vet Turbo Series



NEW!
Dual-Test
Cartridge

**Electrolyte
Analyzer**
PIV



**Blood Gas
Analyzer EG-i30V**
(37 parameters)

- Versatile Applications
- Lightweight and Portable
- Room Temperature Stored Cartridges



Specifications



Blood Gas Analyzer EG-i30V



Electrolyte Analyzer P1V

Subject	Specifications	Specifications
Sample types	Arterial and venous whole blood	Venous whole blood, plasma, and serum
Testing principle	Electrochemistry/Microfluidic method	Electrochemistry/Microfluidic method
Blood sample requirement	150 µL	110 µL
Test time	Calibration less than 3 minutes; Measuring time less than 45 seconds	5 ± 0.5 min (including calibration)
Memory capacity	100,000 test results and 10,000 quality control results	99999 results
Operating temperature	18 °C-30 °C	18 °C-30 °C
Display screen	8-inch color touch screen	7-inch color touch screen
Printer	Built-in	Built-in
Code scanner	Built-in	Built-in
Dimensions	235 mm × 210 mm × 160 mm (± 10 mm)	240 mm x 120 mm x 110 mm (± 10 mm)
Weight	3.0 ± 0.5 kg (with battery)	1.5 ± 0.2 kg (with battery)

Our technology

Powered by advanced microfluidic electrochemistry technology, the Eaglenos blood gas and electrolyte analysis systems for veterinary care deliver a precise blend of functionality and practicality. Our proprietary **single-test cartridges provide a comprehensive range of test parameters to meet diverse clinical demands**. With integrated calibration, the system delivers accurate results instantly, ensuring both precision and ease of use.

Our latest test cartridge offers dual functionality with a single cartridge capable of measuring both essential electrolytes and blood gases. Compact yet powerful, this new system represents **a streamlined solution for efficient and reliable veterinary diagnostics**.



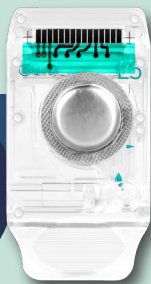
Parameters and Applications

Test Cartridges

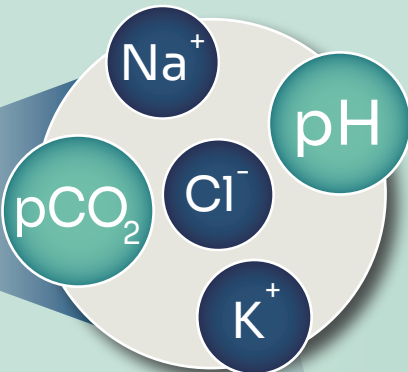
Parameters

Clinical applications

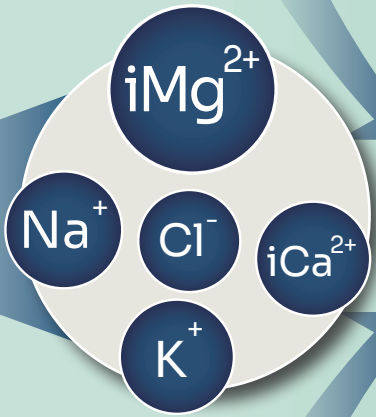
NEW!
Dual-Test
Cartridge



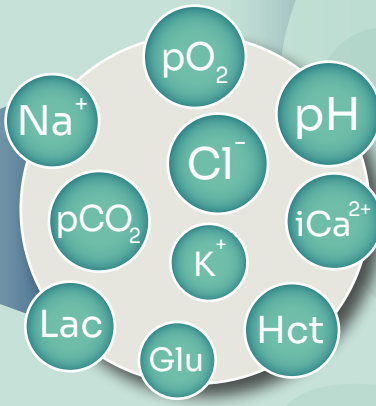
Dual-test cartridge



Electrolyte test cartridge



Blood gas test cartridge



Electrolyte and Acid-Base Imbalances



Critical Care and Emergency Situations



Respiratory Function and Oxygenation



Renal Function and Hydration Status



Diabetes and Glucose Monitoring



Assessment of Cardiovascular Health



Gastrointestinal Disorders



Musculoskeletal System and Behavioral Abnormalities



Anesthesia Monitoring and Surgical Support