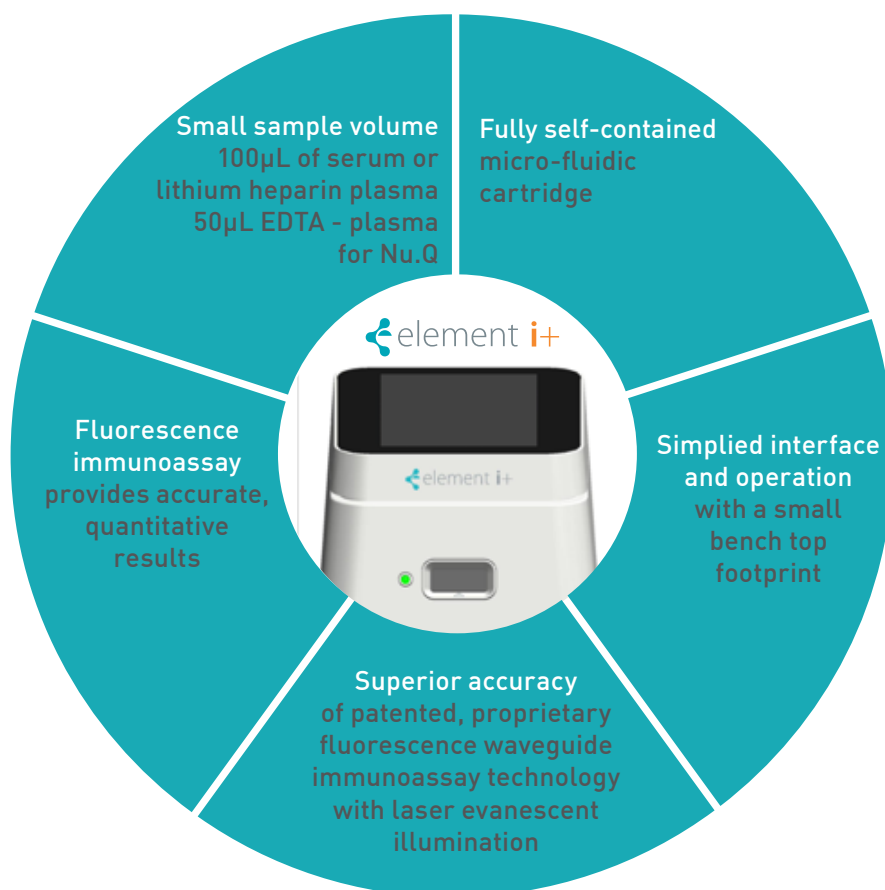


TAKE HOME MESSAGE



Element i+

Detection System	Fluorescence Immunoassay
Cartridge	Element i+ compatible
Procedure time	Specific to test cartridge (5-10 minutes)
Sample volume	100µL of serum or lithium heparin plasma 50µL EDTA - plasma for Nu.Q
Instrument electrical power rating	+15 DC/4.65 A max
Laser classification	Laser Class 1 (per IEC 60825-1)
Operating temperature	15-30°C
Physical dimensions	165 mm (W) x 222 mm (H) x 229 mm (L)
Weight	2.5 kg

Your contact person



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CLINICAL
CHEMISTRY



Element i+

IMMUNODIAGNOSTIC ANALYZER
FLUORESCENCE IMMUNOASSAY TECHNOLOGY

PRODUCT BROCHURE

 element i+



Introducing Nu.Q[®]
on Element i+



The Future of Immunodiagnosics is here!



1 Enter Patient Information



2 Load Patient Sample



3 Insert Cartridge and start measurement

The Element i+ is the future of immunodiagnosics. The fluorescence immunoassay with laser evanescent illumination technology, patented by Antech, provides accurate, quantitative results and reduces interference from substances such as lipemia in your daily laboratory diagnostics.

Its elegant and aerodynamic design allows it to adapt to any workspace. The clinical chemistry analyzer features simple load-and-go operation with an intuitive workflow and allows you to store the cartridge in room temperature and without the need to heat them before the evaluation of the sample. Really easy and comfortable for you daily work.

It utilizes a small sample volume, 100µL of serum or lithium heparin plasma for a diagnostic and 50 µL EDTA-plasma for Nu.Q.

Within 5-10 minutes, the Element i+ transmits the measurement results to your practice management software. The bidirectional data transfer supports the optimal integration of the Element i+ into your daily work.

START PATIENT TREATMENT IMMEDIATELY IN THE FIRST VISIT!



Expand your in-house diagnostic capabilities

- Within 5–10 minutes run-time means you can diagnose and develop treatment plans on the first visit
- No more waiting for lab results and playing phone-tag with clients
- Quickly and easily schedule follow-up monitoring with complex patients
- The wide dynamic range of its tests allows a better interpretation than analyzers with narrower dynamic ranges

EFFICIENT DATA MANAGEMENT

- Integrate with your Practice Management Software
- Bidirectional communication with auto patient entry and medical record reporting
- Sort options make retrieving previous patient results a snap
- Create comprehensive patient reports with results from other lab analyzers (Chemistry, Hematology, and others)

CARTRIDGE MICRO-FLUIDIC

Each cartridge box has its own lot specific calibration data to ensure the reliability and repeatability of the results with the different batches of reagents.



Exclusively from Antech, Nu.Q® on Element i+ was developed with the goal of providing an accessible and affordable screening test to aid in early detection of a variety of cancers, especially hemangiosarcoma and lymphoma. And is the result of innovative research based on epigenetic detection of nucleosome. Prevention with Just a blood sample!

MEASURED PARAMETERS

Nu.Q®	Determine current likelihood of certain canine cancers.
T4*	Diagnose and monitor thyroid disorders
Cortisol	Diagnose and monitor patients with Cushing's or Addison's disease
cTSH	Diagnose and monitor hypothyroidism in canines
Progesterone	Manage breeding and parturition and screen for reproductive diseases
cCRP	Screen and monitor systemic inflammation in canines: presence of injury, infection or other inflammatory processes .

*The total T4 reaches up to 20 micrograms per deciliter, which allows more faithful readings and interpretations for our hyperthyroid feline patients. With a lower dynamic range of 0.5 micrograms/dL, for hypothyroid dogs

