



ANTECH[®]

BETTER DIAGNOSTICS. BETTER MEDICINE.™



DISCOVER THE RISK FOR CERTAIN CANINE CANCERS IN-HOUSE, INSTANTLY.

Nu.Q[®] on the Element i+ is the industry's only in-house canine cancer blood test and is exclusively offered by Antech

Nu.Q[®] uses breakthrough technology to assess the risk for some of the most prevalent types of canine cancers, especially lymphoma and hemangiosarcoma.*

ACCURATE AND CONVENIENT IN-HOUSE CANCER BLOOD TEST

Only requires 50µL of EDTA plasma from a patient with high (>70%) detection rates for lymphoma and hemangiosarcoma — all at an affordable cost for pet owners.

INNOVATIVE CANCER ASSESSMENT

Measures canine plasma nucleosome concentration and helps determine current likelihood of certain cancers.

AFFORDABLE TESTING AND IMMEDIATE RESULTS

Refine your differential list in minutes, helping you inform pet owners of risk level for common cancer types.

SEAMLESS INTEGRATION INTO ROUTINE WELLNESS

The efficient workflow for Nu.Q[®] on the Element i+ analyzer makes it easy to add to routine wellness diagnostics for your patients that are at high risk for cancer.

Nu.Q[®] is a registered trademark of VolitionRx Limited and its subsidiaries. The Nu.Q[®] Canine Cancer Test is supplied to Antech's Heska affiliate under license by Belgian Volition SRL. 43868-001





Nu.Q® on the Element i+ analyzer is exclusively available from Antech as an in-house test option.

You can evaluate risk of certain cancer types instantly, right at your fingertips. Simply run a Nu.Q® blood test on the in-house Element i+ analyzer — both cost-effective and simple, requiring only 50µL of EDTA plasma from your patient.

1 in 4 dogs develop cancer.¹ Determine the current likelihood of certain cancers like lymphoma and hemangiosarcoma with Nu.Q®

Nu.Q® is an accessible, affordable, and quantitative blood test for plasma nucleosomes in dogs.

Indications:

- Older dogs (≥7 years of age)
- Younger dogs (≥4 years of age) for breeds known to be at a higher risk of developing cancer

Empowering veterinary care teams with the industry's only in-house canine cancer blood test.

Cancer is a leading cause of death in older dogs, with nearly 50% over 10 years of age developing the disease. Over 6 million dogs are diagnosed² with cancer in the United States every year — often far too late. Nu.Q® on the Element i+ allows you to interpret results and develop a plan of action before your patient goes home.

How does Nu.Q® work?

- DNA is compacted within a cell's nucleus in the form of chromosomes.
- Nucleosomes (small, structural units comprised of DNA and a histone protein core) allow chromosomes to stack and fold into their normal conformation within each cell nucleus.
- For certain types of cancer, nucleosomes are released into the blood and can be measured using specific antibodies.
- Nucleosomes in patient plasma measured with Nu.Q® can serve as a biomarker to help identify patients who may have cancer.³

REFERENCES:

1. Cancer in Pets. American Veterinary Medical Association. (2022). Retrieved 9 July 2022, from avma.org/resources/pet-owners/petcare/cancer-pets
2. National Cancer Institute: [cancer.gov/Comparative-Oncology-Program/pet-owners/what-is-comp-onc#:~:text=It%20has%20been%20estimated%20that,in%20cats%20made%20each%20year](https://www.cancer.gov/Comparative-Oncology-Program/pet-owners/what-is-comp-onc#:~:text=It%20has%20been%20estimated%20that,in%20cats%20made%20each%20year)
3. Wilson-Robles, H., Bygott, T., Kelly, T., Miller, T., Miller, P., & Matsushita, M. et al. (2022). Evaluation of plasma nucleosome concentrations in dogs with a variety of common cancers and in healthy dogs. BMC Veterinary Research, 18(1). doi.org/10.1186/s12917-022-03429-8



IN-CLINIC NU.Q EXCLUSIVELY AVAILABLE FROM ANTECH

Discover the speed, accuracy, and flexibility of Element i+ combined with affordable, immediate in-house cancer risk evaluation using the Nu.Q® test.

EXPLORE NOW



heska.com/element-i-plus

US 800.464.3752 CANADA 866.382.6937

PEER-REVIEWED STUDIES:

- Lymphoma paper: pubmed.ncbi.nlm.nih.gov/34399763
Hemangiosarcoma paper: pubmed.ncbi.nlm.nih.gov/34187493
2020 cancer vs healthy dogs: pubmed.ncbi.nlm.nih.gov/32866177

*Nu.Q® is not a confirmatory test for cancer. Nu.Q® results should act as an impetus to perform additional diagnostics to obtain a diagnosis. Elevated plasma nucleosome concentration does not tell you which cancer is present, and further diagnostics will be needed. Certain inflammatory conditions may increase plasma nucleosome concentration and in these instances Nu.Q® cannot differentiate between cancer and an inflammatory response.