



NationWide LABORATORIES



NationWide Laboratories now offers Nu.Q® Vet Cancer Screening Test in the UK

It is a simple, affordable, easy to use blood test which can be used as part of a wellness check for older dogs as well as younger dogs with an increased risk of developing cancer in their lifetimes, such as those with a familial history and certain breeds. By measuring and analysing nucleosomes in the DNA, the Nu.Q® Vet Cancer Test can identify patients who may have cancer. This must be confirmed by follow up procedures, for example, a biopsy or a scan. Alongside other routine blood work and imaging, this test may help find cancer at an early stage, before symptoms appear, allowing for a better chance at effective treatment.

UNDERSTANDING YOUR RESULTS

Green Level - Cancer suspicion: Low

Nu.Q® Vet Cancer Test results at the low risk level are consistent with those found in healthy animals over the age of 1 year, and all genders. Maintain wellness check schedule and educate pet owners on early cancer signs. Retest at the next visit. If clinically indicated, additional tests such as a CBC, Chemistry, Urinalysis, Cytology/ Biopsy, and/or Imaging may be needed to confirm or deny the suspicion of cancer in your patient.

Yellow level - Cancer suspicion: Moderate

Nu.Q® Vet Cancer Test results in the caution zone may have a number of contributing factors. If the patient has been fasted, and is otherwise healthy, retest in 2-4 weeks ensuring a 4-hour fast. If the patient has not been fasted, and is otherwise healthy, repeat the test at your earliest convenience ensuring a 4-hour fast. If the Nu.Q® score remains elevated after retest, please refer to "high risk" actions for patient information to consider before conducting more costly or invasive procedures.

Orange level - Cancer Suspicion: High to Very High

Nu.Q® Vet Cancer Test results at the high risk level are consistent with an increased risk of cancer in healthy animals over the age of 1 year, and all genders. Review medical history for previous conditions. Check for lumps, swollen lymph nodes, or signs of pains. Look for elevated white blood cell counts indicating inflammation. If medical history review is inconclusive, please call or email NationWide Laboratories at Cambridge to consult on your complex case before conducting invasive or costly procedures.

HOW TO TAKE YOUR SAMPLE

1. Fast the dog for at least 4 hours
2. Collect 2.5 – 5.0 mLs blood into EDTA tubes (K2 or K3 EDTA)
3. Mix well but gently 10 times
4. Centrifuge samples for 10 – 15 minutes at between 1500 and 3000 rcf at room temperature with no braking
5. Samples must be processed within 1 hour of collection
6. Whole EDTA blood can be stored at room temperature for up to an hour before centrifugation
7. Remove the plasma into a plain tube taking great care not to disturb the buffy coat layer, ideally only pipette at least 1cm above the buffy coat. Only 0.5mL of EDTA plasma is required
8. Store the separated EDTA plasma in a plastic screw top tube and store in the fridge for no longer than 3 days before sending on to the laboratory
9. Samples MUST be sent on to the laboratory on freezer packs to ensure they stay cool and arrive at the lab cool, but they must not freeze, so protect from the ice packs
10. If required, **contact our Cambridge laboratory (01223 493400)** who will send a courier to pick up the samples

To enquire about this service/ subscribe to it please email cls.info@nwlabs.co.uk



NUQCS Nu.Q® Cancer Screening Test

Includes Nu.Q® Cancer Screening Test

NUQHC Health Check plus Nu.Q® Cancer Screening Test

Includes AP, ALT, Bilirubin, GGT, Total Protein, Albumin, Globulin, A:G ratio, Glucose, Cholesterol, Urea, Creatinine, Calcium, Phosphorous, Sodium, Potassium, Na:K ratio, Chloride, T4 plus Nu.Q® Cancer Screening Test



The samples will be processed by our Cambridge Laboratory, so please send them directly to NationWide Specialist Laboratories, Units S5-S6 The Saxon Building, Eastern Counties Leather Industrial Estate, London Road, Pampisford, Cambridge, CB22 3FJ

Delivering excellence in animal health