

Parameter	Conv. Unit	Measurement Range	Dog*	Cat*
Total T4	µg/dL	0.5 - 20.0	1.2 - 4.3	0.8 - 4.7
cTSH	ng/mL	0.1 - 6.0	0.0 - 0.75	N/A
Cortisol	µg/dL	1.0 - 30.0	1.0 - 6.0	1.8 - 3.7
Progesterone	ng/mL	0.2 - 40.0	-	-
cCRP	mg/dL	0.4 - 20.0	0.0 - 1.0	-

Parameter	SI Unit	Measurement Range	Dog*	Cat*
Total T4	nmol/L	6.4 - 257.4	15.4 - 55.3	10.3 - 60.5
cTSH	ng/mL	0.1 - 6.0	0.0 - 0.75	N/A
Cortisol	nmol/L	27.6 - 828.0	27.6 - 165.6	49.7 - 102.1
Progesterone	nmol/L	0.64 - 127.2	-	-
cCRP	mg/L	4 - 200	0 - 10	-

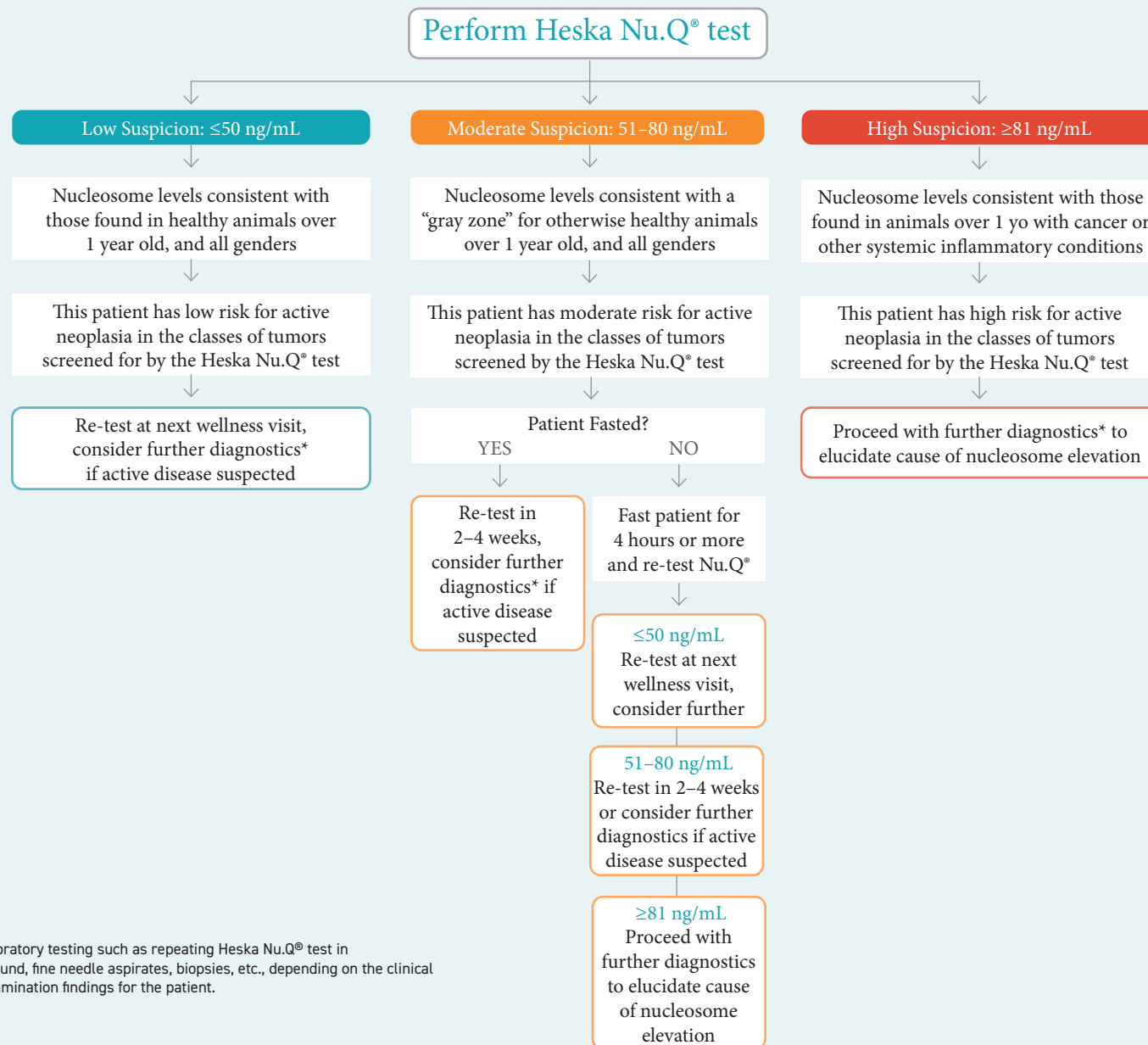
## Progesterone Testing Protocols

Results	Phase	Recommendation
<1.0 ng/mL	Anestrus or Proestrus	Reset in 3-4 days
1.0 -1.9 ng/mL	Pre LH-Surge	Retest in 2-3 days
2.0-3.9 ng/mL	LH Surge	Ovulation will generally occur in the next 24-48h
4.0-5.9 ng/mL	Post LH Surge	Test every 24h, estimated breeding window should begin within 24-48
6.0 -9.9 ng/m	Ovulation	Breed in the next 1-4 days, depending on method of insemination, semen quality and number of breedings
10.0-15.9 ng/mL	Post-Ovulation, Mature Ova	Normal breeding window, timing based on LH surge and estimated ovulation. Confirm via cytology
>16.0 ng/mL	Diestrus	Likely past opportunity to breed if initial Prog reading >16 ng/mL, confirm via vaginal cytology

Progesterone Concentration	Parturition Timing
4.0 -6.0 ng/mL	Retest in 12-24h while monitoring body temperature and other clinical signs
< 4.0 ng/mL	Surgery acceptable based on serial progesterone measurements and associated clinical signs
< 2.0 ng/mL	Generally considered safe of cesarean section

\*Manufacturer's data

## Heska Nu.Q® Testing Protocols Flowchart



\*Diagnostics may include laboratory testing such as repeating Heska Nu.Q® test in 2 weeks, radiographs, ultrasound, fine needle aspirates, biopsies, etc., depending on the clinical presentation and physical examination findings for the patient.