



HEMOLIFE (Diagnostic Division of HEMOPET)

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Status: FINAL REPORT
Notes: Health clearance
Diet: Origin kibble

Accession No. HML87050	Doctor CLIFF FAVER	Owner PORTER, GERRY	Pet Name PRIMETIMES PATCHES	Received 04/04/16
Species Canine	Breed Labradoodle	Sex M	Pet Age 1 Yrs 2 Months 25 lbs	Reported 04/04/16

Test Requested	Result	Case Specific	General Range	Units
T4	1.79	1.50 - 3.60	0.80 - 3.80	ug/dL
Free T4	0.94	0.85 - 2.30	0.55 - 2.32	ng/dL
T4/FT4 Ratio	↑ 1.90 See below		1.25 - 1.75	
T3	↑ 85.5	30 - 70	30.0 - 70.0	ng/dL
Free T3	2.30	1.6 - 3.5	1.60 - 3.50	pg/mL
Thyroglobulin Autoantibody (TgAA)	< 1 Negative	< 10	< 10	%

Dear Cliff and Gerry: Patches' thyroid levels are normal overall here. Increased T3 level is most likely due to increased tissue metabolic demand. Recommend annual retesting. --Andrew Zuckerman DVM

*T4/FT4 Ratios **at or below 1.25** generally, but not always, signify the presence of non-thyroidal illness (NTI), or, hypothyroidism + NTI. High T4/FT4 Ratios usually are not clinically relevant except in thyroxine overdose or thyroid-secreting tumors.

TGAA CONFIRMATORY TEST RANGES < 10% =Negative; 10%-25% =Equivocal;>25%= Positive

If positive (elevated), the TGAA level confirms autoimmune thyroiditis. False positive results can occur if the dog has been vaccinated for rabies within 30 to 40 days. Thyroid hormone supplementation can decrease TGAA levels. Performed using the preferred Non-Specific Binding (NSB) Method.

W. Jean Dooids, DVM

HEMOLIFE assays and reports use patented non-RIA technology and interpretations. Thyroid 5™ is a trademark.