



ENRICHING PET LIFE THROUGH DIAGNOSTIC TESTING
world-wide personal mail-in diagnostic lab for vets and pets



HEMOLIFE (Diagnostic Division of HEMOPET)

11561 Salinaz Avenue, Garden Grove, CA 92843

Tel: 714-891-2022; Fax: 714-891-2123; Fax: 714-891-2124 (lab)

www.hemopet.org www.nutriscan.org E-Mail: hemopet@hotmail.com

Status: FINAL REPORT

Notes: prev TgAA results 39 (12/23/13) Routine recheck - Hemopet has multiple serial screens on Ginger on file/previous HML56058

Diet: Raw, GreenMin, SoulFood, Salmon Oil

Medication: 6, Soloxine, 0.4 mg, BID

Accession No. HML62914	Doctor DANIEL HENDRIX	Owner VANDERVOORT, PAULA	Pet Name GINGER	Received 06/25/14
----------------------------------	--------------------------	------------------------------------	--------------------	----------------------

Species Canine	Breed Boxer	Sex F	Pet Age 7 Yrs 2 Months 70 lbs	Reported 06/27/14
-------------------	----------------	----------	-------------------------------------	----------------------

Test Requested	Result	Case Specific	General Range	Units
T4	↓ 1.68	1.75 - 3.75	0.80 - 3.80	ug/dL
Free T4	1.03	0.80 - 2.00	0.55 - 2.32	ng/dL
T4/FT4 Ratio	1.63 See below		1.25 - 1.75	
T3	38.3	30 - 60	30.0 - 70.0	ng/dL
Free T3	2.10	1.6 - 3.5	1.60 - 3.50	pg/mL
Thyroglobulin Autoantibody (TgAA)	↑ 24 Equivocal	< 10	< 10	%
Heartworm	Negative		Negative	

Dear Daniel and Paula: Thyroid levels are good on the current dose of supplement although T4 could be higher. TgAA levels are improved as well. Recommend continuing on the Soloxine at 0.4 mg BID. Optimal therapeutic response levels are achieved at 4-6 hours post-BID thyroid medication. Recommend retesting in 6 months. Gary Richter, DVM

To ensure absorption, thyroxine is best given by mouth, at least 1 hour before or 3 hours after a meal.

*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 is **equivocal**, which means that the result is unclear with respect to autoimmune thyroiditis.

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. Lee Daniels, DVM



ENRICHING PET LIFE THROUGH DIAGNOSTIC TESTING
world-wide personal mail-in diagnostic lab for vets and pets



HEMOLIFE (Diagnostic Division of HEMOPET)

11561 Salinaz Avenue, Garden Grove, CA 92843

Tel: 714-891-2022; Fax: 714-891-2123; Fax: 714-891-2124 (lab)

www.hemopet.org www.nutriscan.org E-Mail: hemopet@hotmail.com

Accession No.	Doctor	Owner	Pet Name	Received
HML62914	DANIEL HENDRIX	VANDERVOORT, PAULA	GINGER	06/25/14

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