

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



## **HEMOLIFE (Diagnostic Division of HEMOPET)**

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Status: FINAL REPORT

Notes: Screening

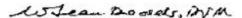
|                                  | J                  |               |                |                      |         |
|----------------------------------|--------------------|---------------|----------------|----------------------|---------|
| Accession No.                    | Doctor             | Owner         | Pet Name       | R                    | eceived |
| HML139504                        |                    | FRATER, JULIE | ULYXES         | 10                   | 0/15/19 |
| Species                          | Breed              | Sex           | Pet Age        | Reported             |         |
| Canine                           | Estrela Mountain   | M             | 6 Yrs 9 Months | 10/16/19             |         |
|                                  | Dog                |               | 125 lbs        |                      |         |
| Test Requested                   | t Requested Result |               | Case Specific  | <b>General Range</b> | Units   |
| T4                               | ↓ 1.22             |               | 1.40 - 3.40    | 0.80 - 3.80          | ug/dL   |
| Free T4                          | 1.50               | )             | 0.80 - 2.20    | 0.55 - 2.32          | ng/dL   |
| T4/FT4 Ratio                     | ↓ 0.81             | See below     |                | 1.25 - 1.75          |         |
| T3                               | 45.6               |               | 30 - 70        | 30.0 - 70.0          | ng/dL   |
| Free T3                          | 2.30               |               | 1.6 - 3.5      | 1.60 - 3.50          | pg/mL   |
| Thyroglobulin Autoantibody 1 No. |                    | egative       | < 10           | < 10                 | %       |
| (TgAA)                           |                    |               |                |                      |         |

Dear Colleague and Julie: Thyroid levels are normal overall here although T4 could be higher. The low T4 likely reflects a non-thyroidal issue. Recommend annual retesting. Gary Richter, 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.



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