



MICHIGAN STATE UNIVERSITY
**VETERINARY DIAGNOSTIC
 LABORATORY**

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REPORT OF LABORATORY EXAMINATION

Client: Franklin Animal Clinic (16953)
 1623 Pittsburgh Road
 Franklin, PA 16323

Owner: Hoffman, Akemi

Rcvd Date: 3/11/2023 1:10:00 PM
 Admitted By: Fox, Dr.
 Ordered By: N/A
 Encounter: 03466912
 CR#: AP

Animal: BRUNO
 Species: Canine
 Age: 4 years
 Tag/Reg ID:
 Other ID:

MRN:
 Breed: Labrador Retriever
 Gender: Male

E N D O C R I N O L O G Y

Endocrine Results

Collected Date/Time (If Provided)	03/09/2023 10:00:00		
Procedure		Ref Range	Units
Total Thyroxine (TT4) (CLIA)	20	[9-52]	nmol/L
Total Triiodothyronine (TT3) (RIA)	0.8	[0.8-2.1]	nmol/L
Free Thyroxine (FT4) (RIA)	8 L	[9-39]	pmol/L
T4 Autoantibody (RIA)	8	[0-20]	%
T3 Autoantibody (RIA)	2	[0-10]	%
Thyroid Stimulating Hormone (CLIA)	0.52	[0.00-0.58]	ng/mL
Thyroglobulin Autoantibody (ELISA) *	4	[0-35]	%
Endocrinology Interpretation	See Below		

03/09/2023 10:00:00 Endocrinology Interpretation

Thank you for the clinical information included on the submittal form.

Circulating concentrations of thyroid hormones are generally normal and thyroid stimulating hormone is not elevated. The slight decrease of FT4 is unlikely to be of clinical significance. The negative autoantibody results further decrease the likelihood of lymphocytic thyroiditis in the thyroid glands of this dog. The results of this profile do not offer support for a differential diagnosis of hypothyroidism.

Rebecca Hoogstraten MS, DVM
 Assistant Professor, Endocrinology

3/9/2023 10:00:00 AM Thyroglobulin Autoantibody (ELISA):

< 20% Negative
 20 - 35 % Inconclusive
 > 35% Positive

L = Low Result; H = High Result; @ = Critical Result; ^ = Corrected Result; * = Interpretive Data; # = Result Footnote

Print Date/Time: 3/15/2023 11:21 AM

Page 1 of 1