



MICHIGAN STATE UNIVERSITY
**VETERINARY DIAGNOSTIC
LABORATORY**

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REPORT OF LABORATORY EXAMINATION

Your clinic
identification

Director and
laboratory
information

Client: DCPAH Test Account DO NOT USE (40002)
PO Box 30076
East Lansing, MI 48823

Owner: Lastname, Firstname

Owner information
if provided

Rcvd Date: 6/3/2017 12:50:00 PM
Admitted By: Tester, Dr.
Ordered By: N/A
Encounter: 012345678
CR#: AP

Animal: ANIMALNAME
Species: Canine
Age: 2 Years
Tag/Reg ID:
Other ID:

MRN:
Breed: German Hunt Terrier
Gender: Female, Spayed

Encounter or "case"
number identifying
this submission

Animal identification

Endocrinology

Endocrine Results

Collected Date/Time (If Provided)	05/31/2017 8:35:00		
Procedure		Ref Range	Units
Total Thyroxine (TT4)	13	[11-60]	nmol/L
Total Triiodothyronine (TT3)	1.1	[0.8-2.1]	nmol/L
Free Thyroxine (FT4)	3 L	[9-39]	pmol/L
Free Triiodothyronine (FT3)	4.0	[1.2-8.2]	pmol/L
T4 Autoantibody	6	[0-20]	%
T3 Autoantibody	6	[0-10]	%
Thyroid Stimulating Hormone	0.41	[0.00-0.58]	ng/mL
Thyroglobulin Autoantibody *	8	[0-35]	%
Endocrinology Interpretation	See Below		

Date specimen collected
if provided, otherwise
date specimen received

Test results using a
text format will be
displayed below

05/31/2017 8:35:00 Endocrinology Interpretation

The combination of normal concentrations of T4, T3, free T3 and TSH provides good evidence to say that this dog is not hypothyroid. The decrease of free T4 in this profile more likely reflects a metabolic response to nonthyroidal illness, rather than hypothyroidism. The normal thyroid autoantibody results further decrease the likelihood of pathologic changes in the thyroid glands.

MaryDee Sist, DVM
Endocrinology Section

5/31/2017 8:35:00 AM Thyroglobulin Autoantibody:
< 20% Negative
20 - 35 % Inconclusive
> 35% Positive

Legend:

L or **H** = The test result is outside the reference range

@ = The test result is outside the critical range

^ = The test result has been corrected

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

Print Date/Time: 6/7/2017 12:32 PM

Date report released

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