



MICHIGAN STATE UNIVERSITY
**VETERINARY DIAGNOSTIC
 LABORATORY**

Director: Dr. Kimberly Dodd
 4125 Beaumont Road
 Lansing, MI 48910-8104
 Phone: 517-353-1683
 Fax: 517-353-5096
 www.animalhealth.msu.edu

REPORT OF LABORATORY EXAMINATION

Client: Great Lakes Veterinary Clinic (26684)
 2845 County Road JJ
 Neenah, WI 54956

Owner: Herbst, Lisa

Rcvd Date: 10/12/2022 8:30:00 AM
 Admitted By: Van Maaren, Dr.
 Ordered By: N/A
 Encounter: 03383349
 CR#: AP

Animal: NALLE
 Species: Canine
 Age: 12 months
 Tag/Reg ID:
 Other ID:

MRN:
 Breed: Dog Mixed Breed
 Gender: Female

P e n d i n g O r d e r S u m m a r y

Received Date Order Name Status
 10/10/2022 Endocrinology Interpretation Ordered

E n d o c r i n o l o g y

Endocrine Results

Collected Date/Time (If Provided)	10/10/2022 13:00:00		
Procedure		Ref Range	Units
Total Thyroxine (TT4) (CLIA)	49	[9-52]	nmol/L
Total Triiodothyronine (TT3) (RIA)	1.5	[0.8-2.1]	nmol/L
Free Thyroxine (FT4) (RIA)	24	[9-39]	pmol/L
T4 Autoantibody (RIA)	13	[0-20]	%
T3 Autoantibody (RIA)	6	[0-10]	%
Thyroid Stimulating Hormone (CLIA)	0.12	[0.00-0.58]	ng/mL
Thyroglobulin Autoantibody (ELISA) *	4	[0-35]	%

10/10/2022 1:00:00 PM Thyroglobulin Autoantibody (ELISA):

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

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



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REPORT OF LABORATORY EXAMINATION

Client: Great Lakes Veterinary Clinic (26684)
 2845 County Road JJ
 Neenah, WI 54956

Owner: Case, Pamela

Rcvd Date: 10/12/2022 8:28:00 AM Animal: JEDIVADA MRN:
 Admitted By: Zarda, Dr. Species: Canine Breed: Pomeranian
 Ordered By: N/A Age: 6 years Gender: Female, Spayed
 Encounter: 03383347 Tag/Reg ID:
 CR#: AP Other ID:

P e n d i n g O r d e r S u m m a r y

Received Date Order Name Status
 10/10/2022 Endocrinology Interpretation Ordered

E n d o c r i n o l o g y

Endocrine Results

Collected Date/Time (If Provided)	10/10/2022 11:00:00		
Procedure		Ref Range	Units
Total Thyroxine (TT4) (CLIA)	18	[9-52]	nmol/L
Total Triiodothyronine (TT3) (RIA)	1.3	[0.8-2.1]	nmol/L
Free Thyroxine (FT4) (RIA)	14	[9-39]	pmol/L
T4 Autoantibody (RIA)	9	[0-20]	%
T3 Autoantibody (RIA)	5	[0-10]	%
Thyroid Stimulating Hormone (CLIA)	0.27	[0.00-0.58]	ng/mL
Thyroglobulin Autoantibody (ELISA) *	4	[0-35]	%

10/10/2022 11:00:00 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