



REPORT OF LABORATORY EXAMINATION

Client:

All Pets Hospital (50706)
1330 Second Avenue
Des Moines, IA 50314

Owner:

Frary/McMillin, Kelley/Kay

Rcvd Date: 10/13/2020 3:32:00 PM
Admitted By: Not, Provided
Ordered By: N/A
Encounter: 02937297
CR#: AP

Animal: KONZASOJOURNINAGADDA MRN: HP52752202
Species: Canine Breed: Borzoi
Age: 3 years Gender: Female
Tag/Reg ID: Konza Sojourn In A Gadda Da Vida
Other ID:

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

Endocrine History

Collected Date/Time (If Provided)	10/13/2020 15:32:00		
Procedure		Ref Range	Units
Sample temperature	58		DegF

Endocrine Results

Collected Date/Time (If Provided)	10/13/2020 15:32:00		
Procedure		Ref Range	Units
Free T4 by dialysis (RIA)	18	[6-42]	pmol/L
Thyroid Stimulating Hormone (CLIA) *	0.19	[0.00-0.58]	ng/mL
Thyroglobulin Autoantibody (ELISA) *	0		%
OFA Classification	See Below		
Total Thyroxine (T4) (CLIA) OFA *	24	[9-45]	nmol/L
Total Triiodothyronine (T3) (RIA) *	1.0	[0.8-2.1]	nmol/L
T4 Autoantibody (RIA)	11	[0-20]	%
T3 Autoantibody (RIA)	1	[0-10]	%

10/13/2020 15:32:00 OFA Classification
OFA CLASSIFICATION = NORMAL

Kent R. Refsal, DVM Phd
Professor, Endocrinology

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

Admitted By: Not, Provided
Encounter: 02937297

Species: Canine
Animal:
KONZASOJOURNINAGADDA

MRN: HP52752202
Owner: Frary/McMillin, Kelley/Kay

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

Endocrine Results

10/13/2020 3:32:00 PM Thyroid Stimulating Hormone (CLIA):

The Endocrine Section at DCPAH has adopted a chemiluminescent immunometric assay for measurement of canine TSH (Immulite 2000 XPI). This assay has been used in many clinical studies in dogs and cats. With this change, we will now be reporting results in ng/mL, the commonly used units for this assay.

10/13/2020 3:32:00 PM Thyroglobulin Autoantibody (ELISA):

< 10% Negative
10 - 25 % Inconclusive
> 25% Positive

10/13/2020 3:32:00 PM Total Thyroxine (T4) (CLIA) OFA:

Canine and feline total T4 methodology: Total T4 is now measured in canine and feline sera using a commercially available automated chemiluminescent assay (Immulite 2000xpi assay L2KCT2). The assay is used by a number of laboratories for companion animals. Within our laboratory, total T4 as measured by a previously validated radioimmunoassay method and the Immulite 2000xpi in 160 canine and 154 feline samples gave results that were highly correlated ($r > 0.938$). We will continue to measure total T4 in other species with the previous radioimmunoassay.

10/13/2020 3:32:00 PM Total Triiodothyronine (T3) (RIA):

The MSU VDL's thyroid testing will no longer include measurement of free T3. Endocrinology laboratory will continue to assess T3, the active form of thyroid hormone, as total T3.

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