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Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201-3806

Phone: (573) 442-0418; Fax: (573)875-5073

www.ofa.org

A Not-For-Profit Organization

Office Use Only

Application for Thyroid Database

* Please type or print legibly. To ensure accuracy please enclose copy of the dog's registration papers *

previous application number (if any) _____

registration number AKC CKC Other _____

registered name _____

sex _____ Color _____

breed _____

date of birth (month-day-year) _____

ID number (if any)* Tattoo Microchip

registration number of sire _____ registration number of dam _____

* The OFA has adopted a policy, effective January 1, 2001, acknowledging animals that have been submitted for inclusion in our databases that have permanent identification in the form of microchip or tattoo. Animals not permanently identified will continue to be evaluated; however, they will be issued a number clearly indicating that the animal has no permanent identification.

owner name _____

date sample taken (month-day-year) _____

co-owner name _____

veterinarian's name or veterinary hospital _____

mailing address _____

mailing address _____

city _____ state/province _____ zip/postal code _____

city _____ state/province _____ zip/postal code _____

phone _____ email _____

phone _____ email _____

I hereby certify that the sample submitted is of the animal described on this application and that this animal has not received thyroid medication of any type for 3 months prior to this test. I understand that only normal results will be released to the public unless the initials of a registered owner appear in the authorization box below which permits the OFA to release abnormal results to the public.

Signature of owner or authorized representative _____

Authorization to Release Abnormal Results

I hereby authorize the OFA to release the results of its evaluation of the animal described on this application to the public if the results are abnormal _____ (initials of registered owner).

Instructions

Please complete, sign, and include this application with the sample and form requested by the reference laboratory. A check to OFA for \$15.00 should be stapled to this application. The laboratory fee is a separate charge and is determined by the laboratory.

Veterinary Information

Clinical Findings:

- Normal
- Abnormal signs
 - Dermatologic
 - Reproductive
 - Lethargy
 - Obesity
 - Other _____

Reference Laboratory Instructions

See back for current laboratories available
 Please complete, sign, and return to Orthopedic Foundation for Animals, 2300 E Nifong Blvd, Columbia, MO 65201-3856, along with laboratory results.

Based on the results of the thyroid profile which included free T4 dialysis, canine thyroid stimulating hormone and thyroglobulin autoantibodies the animal, at this time, is considered as:

- Normal
- Positive autoimmune thyroiditis
- Positive compensative autoimmune thyroiditis
- Idiopathically reduced thyroid function
- Equivocal—the OFA recommends that this animal be retested in 3 to 6 months—status uncertain for breeding

 Veterinarian's signature Date

 Endocrinologist Signature Date

Fees

Animals Over 12 Months

- Thyroid database \$15.00
- Litter of 3 or more submitted together \$30.00

- Kennel Rate**—Individuals submitted as a group, owned/co-owned by same person.
- Minimum of 5 individuals \$7.50 per study

Affected Animals and Resubmits at No Charge

Thyroid Labs

The approved laboratory must be contacted for the appropriate submission forms, sample handling procedures, and laboratory service fee *before collecting the sample*. Currently, samples may be submitted to:

**Endocrine Diagnostic Section
Diagnostic Center for Population & Animal Health**

4125 Beaumont Road, Room 122
Lansing, MI 48910-8104
517-353-0621

Animal Health Laboratory

Laboratory Services Division
University of Guelph
Door P2 Bldg. 49, McIntosh Lane
Guelph, Ontario, N1G 2W1
CANADA
519-824-4120 ext. 54501

**University of California Veterinary
Medical Teaching Hospital**

Clinical Pathology, Chemistry, Room 1017
1 Garrod Drive
Davis, CA 95616
(530) 752-7380

Vita-Tech

1345 Denison Street
Markham, Ont L3R 5V2
CANADA
1-800-667-3411

**New York State Animal Health Diagnostic Laboratory
College of Veterinary Medicine**

Cornell University
Upper Tower Rd.
Ithaca, NY 14853
607-253-3673

Veterinary Diagnostic Laboratory

Attn: Sample Handling
College of Veterinary Medicine
University of Minnesota
1333 Gortner Ave
St. Paul, MN 55108
(612) 624-0761

Texas Veterinary Medical Diagnostic Laboratory

1 Sippel Road
College Station, TX 77843
(979) 845-3414

Antech Diagnostics*

1111 Marcus Ave.
Suite M28
Lake Success, NY 11042
800-872-1001

*only the Lake Success, NY location of Antech has been certified to process OFA thyroid panels

Note: Please contact the laboratory for information about sample collection and submission. Include OFA form and fee with submission and the lab will forward results to OFA.

Indices of thyroiditis:

- Free T4 by dialysis (FT4D)—this procedure is considered to be the “gold standard” for assessment of the thyroid’s production and cellular availability of thyroxine. FT4D concentration is expected to be decreased in dogs with thyroid dysfunction due to autoimmune thyroiditis.
- Canine Thyroid Stimulating Hormone (cTSH)—This procedure helps determine the site of the lesion in cases of hypothyroidism. In autoimmune thyroiditis the lesion is at the level of the thyroid and the pituitary gland functions normally. The cTSH concentration is expected to be abnormally elevated in dogs with thyroid atrophy from autoimmune thyroiditis.
- Thyroglobulin Autoantibodies (TgAA)—This procedure is an indication of the presence of the autoimmune process in the dog’s thyroid.

Certification

- | | |
|---|--|
| <p>a. Normal
FT4D Within normal range
cTSH Within normal range
TgAA Negative</p> <p>b. Positive autoimmune thyroiditis
FT4D Less than normal range
cTSH Greater than normal range
TgAA Positive</p> | <p>c. Positive compensative autoimmune thyroiditis
FT4D Within normal range
cTSH Greater than normal range or
 Equal to normal range
TgAA Positive</p> <p>d. Idiopathically reduced thyroid function
FT4D Less than normal range
cTSH Greater than normal range
TgAA Negative</p> |
|---|--|

e. All other results are considered equivocal