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Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201 Phone (573) 442-0418 | Fax (573) 875-5073 Email ofa@offa.org | www.ofa.org A Not-for-Profit Organization Office Use Only

Application for Thyroid Database

Registered name:			AKC registration number:	Other registry name:									
				Other registry #:									
Breed: Sex:			Date of birth (MM/DD/YY):										
Microchip/tattoo:			Registration number of sire:	Registration number o	f dam:								
Owner name:		Date of examination (MM/DD/YY):	Date of last routine va	Date of last routine vaccination:									
Co-owner name:			Examining veterinary clinic:										
			Ladining Veeting, time										
Mailing address:			Mailing address:										
, , , , , , , , , , , , , , , , , , , ,													
City:	State:	Zip/postal code:	City:	State:	Zip/postal code:								
	Julia	zip, postai couc.		State.	zip/postar couci								
Phone:	E-mail:		Phone:	E-mail:									
I hereby certify that the sample submitted is of the ani normal results will be released to the public unless the	mal described on this applic initials of a registered owne	ation and that this anim r appear in the authorize	al has not received thyroid medication of any ty _l ition box below which permits the OFA to releas	pe for 3 months prior to this test. e abnormal results to the public.	I understand that only								
Signature of owner or authorized represe													
	Authoriza	ation to Rel	ease Abnormal Result	S									
I hereby authorize the OFA to release th				_	abnormal								
(initials of registere	ed owner or authorize	d representative).											
Instructions			Poforonco I aborato	ry 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. The sample, application form, and fee should be sent directly to the laboratory. Veterinary Information Clinical Findings:			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 65201-3806, along with laboratory results. Based on the results of the thyroid profile which included free T4 dialysis, canine thyroid stimulating hormone and thyroglobulin auto- antibodies the animal, at this time, is considered as: Normal										
							□ Normal □ Abnormal signs			Positive autoimmune thyroiditis			
							☐ Dermatologic ☐ Reproductive ☐ Lethargy			 Positive compensative autoimmune thyroiditis 			
							☐ Obesity ☐ Other			☐ Idiopathically reduced thyroid function			
											A recommends that th		
									1	•	-status uncertain for bre		
							☐ I DID verify microchip/tattoo on th☐ I DID NOT verify microchip/tattoo						
= 1313 HOT Vermy Inner dermp/ tatted	on and adg												
Veterinarian's signature Date		Date	Endocrinologist signature		Date								
Fees Animals Over 12 Months			Kennel Rate—Individuals subm	nitted as a group owned/co	o-owned by same person								
Thyroid database			Minimum of 5 individual										
Litter of 3 or more submit	3												
Exams on animals under 12 months of a		·	-										
Payments can be made by Visa, Masterc	ard, check or money	order (U.S. funds d	rawn on a U.S. bank) payable to the	Orthopedic Foundation	for Animals.								
Card Number	N:	ame on Card	F D.	ate MM/YY CV									

Veterinary Instructions for Submission

- 1. The veterinarian or owner must obtain the "Application for Thyroid Database" from the Orthopedic Foundation for Animals, Inc. (phone 573-442-0418), or online at www.offa.org.
- 2. The veterinarian and owner must complete their respective portions of the form.
- 3. Two milliliters (2 ml) of serum are needed for testing, and the serum sample must be from freshly collected blood. Use a plain "red-top" tube for blood collection. Do not use a serum separator tube with clot additives or any other type of plasma collection tube. After collection, place the blood sample in the refrigerator for 60 to 90 minutes to allow clotting. Centrifuge, collect the serum, and transfer to a plain plastic or glass tube suitable for shipping. Clearly label the sample with the owner's name, animal's identification, date of blood collection, and "OFA Thyroid Panel." If the specimen is to be stored for more than 12 hours prior to shipping, frozen storage is recommended.
- 4. Ship to the approved laboratory of choice via an overnight courier service. It is recommended that all specimens be packaged properly and shipped so they are received either chilled or frozen. Serum samples arriving unchilled or at room temperature within 48 hours of the collection date will be accepted. However, samples arriving after this time must be stored either chilled or frozen and arrive at the lab at room temperature or less. Contact the laboratory for further information as necessary.
- 5. Female dogs should not be tested during an estrus cycle. The date of last routine vaccination should be noted.
- 6. Please do not submit whole blood, clotted blood, or plasma.
- 7. Severely lipemic or hemolyzed specimens are also unacceptable.
- 8. Note the date of last routine vaccination on the application.
- Test results will be mailed or faxed only to the submitting veterinarian and the Orthopedic Foundation for Animals, Inc.. Results will not be available from the laboratory by telephone. The OFA will send a report to the owner.

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:

Animal Health Diagnostic Center (AHDC), Endocrinology Laboratory, Cornell University, 240 Farrier Rd., Ithaca, NY 14853, (607) 253-3673

Animal Health Laboratory, Laboratory Services Division, University of Guelph, Specimen Reception, 419 Gordon St., NW Corner Gordon/McGilvray St, Guelph, Ontario, N1G 2W1, CANADA (519) 824-4120 X54530, Fax (519) 827-0961

Antech Diagnostics, 1111 Marcus Ave., Suite M28, Lake Success, NY 11042, 1-800-872-1001. (Only the Lake Success, NY location of Antech has been certified to process OFA thyroid panels.)

Michigan State University Veterinary Diagnostic Laboratory 4125 Beaumont Road Room 122, Lansing, MI 48910, (517) 353-1683, Fax (517) 353-5096

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

Texas A&M Veterinary Medical Diagnostic Laboratory, 483 Agronomy Rd, College Station, TX 77840, (979) 845-3414

University of California-Davis Veterinary Medical Teaching Hospital, Central Laboratory Receiving, VMTH Room 1033, 1
Garrod Drive, Davis, CA 95616, (530) 752-VMTH, Fax: (530) 752-5055

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:

- a. Free T4 (FT4)—this procedure is considered to be the "gold standard" for assessment of the thyroid's production and cellular availability of thyroxine. FT4 concentration is expected to be decreased in dogs with thyroid dysfunction due to autoimmune thyroiditis.
- b. Canine Thyroid Stimulating Hormone (cTSH)—This procedure helps determine the site of the lesion in cases of hypothyroid-ism. 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.
- c. Thyroglobulin Autoantibodies (TgAA)—This procedure is an indication of the presence of the autoimmune process in the dog's thyroid.

Certification

a. Normal

FT4 Within normal range cTSH Within normal range

TgAA Negative

b. Positive autoimmune thyroiditis

FT4 Less than normal range cTSH Greater than normal range

TgAA Positive

c. Positive compensative autoimmune thyroiditis

FT4 Within normal range

cTSH Greater than normal range or

Equal to normal range

TgAA Positive

d. Idiopathically reduced thyroid function

FT4D Less than normal range cTSH Greater than normal range

TgAA Negative

e. All other results are considered equivocal