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RAD _____
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Accredited Breeders Scheme

NZKC

Private Bag 50903, Porirua 5240

Phone: (04) 237-4489; Fax: (04) 237-0721

www.nzkc.org.nz

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: 02581-2015	
Registered name: Ashdale Memsabib Tanzanite		Sex: Bitch	Colour: Tricolor
Breed: Beagle		Date of Birth (dd/mm/yy): 09/02/2015	
ID Number (if any): 900108001770742	<input type="checkbox"/> Tattoo <input checked="" type="checkbox"/> Microchip	Registration number of Sire: 0210-2013	Registration number of Dam: 01327-2013
Owner Name: Denise Roberts		Date of current examination (dd/mm/yy): 12/04/2017	
Co-owner Name:		Examining veterinarian's name or veterinary hospital: Warkworth Vets	
Mailing address: 211 Ryan Rd RD5		Mailing address: 18 Neville St.	
City: Wellford	Postcode: 0975	City: Warkworth	Postcode: 0910
Phone (Mobile): 0274263709	email: rel12@xtra.co.nz	Phone (Mobile): N/A.	email: clinic@warkworthvets.co.nz

<input checked="" type="checkbox"/> I declare that the details of the dog described are accurate and relate to the dogs tested. <input checked="" type="checkbox"/> I hereby authorise release of the test results to the NZKC for publication on this dog's pedigree. <input checked="" type="checkbox"/> I give my consent for these results to be used for the purpose of statistical analysis and scientific research and for the statistical and scientific research to be published.	
Signature of owner: <u>D Roberts</u> (Signature of owner)	Date: <u>12/04/17</u> (Date)

Instructions

Please print out back page and take to your veterinarian. Please send copies of your laboratory results with this application.

Veterinary Information

Clinical Findings:

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

Veterinary Information

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

Veterinarian Signature: [Signature]
 Date: 1.5.17

<input checked="" type="checkbox"/> I certify that the examination was performed according to the ABS procedure. <input checked="" type="checkbox"/> I DID verify tattoo/microchip information on this dog <input type="checkbox"/> I DID NOT verify tattoo/microchip information on this dog	
Veterinarian Signature: <u>[Signature]</u>	Date: <u>12.4.17</u> Date: (Date/Month/Year)

Fees:

Fees for data base entry by submitter \$5.00
 Fees for data base entry by NZKC \$35.00

Payments can be made by cheque, cash, bank deposit, Visa or Mastercard, payable to The New Zealand Kennel Club Inc

Card Number (Visa or Mastercard) _____

Name on Card _____

Expiry Date _____

PLEASE PRINT OUT AND TAKE TO YOUR VETERINARIAN



Gribbles Veterinary Pathology
37-41 Carbine Road
Mt Wellington

Ph: 09 5744701
Fax: 09 5745304

Case No: AU1711876

Report To:	Warkworth Veterinary Services 18 Neville Street Warkworth 0910	Animal/Herd:	JINCEY	Age:	2 YEAR(S)
		Species:	Canine	Sex:	Female
		Breed:	Beagle		
Submitted by:	DANNY CASH	Date Sent:	12/04/2017 15:52		
Submitter ref:	119316A	Date Received:	12/04/2017 15:52		
Owner:	ROBERTS 09 431 4962	Date Tested:	13/04/2017 14:07		
Phone:	(09) 4314962	Notification:	PFax, Email		
		Fax Number:	6494257636		

Tests Requested: 2 x Serum - NZ Kennel Club Panel

Serology

Animal ID TGAA ELISA

JINCEY ROBERTS Suspicious

TGAA

Thyroglobulin Autoantibody ELISA.

Hypothyroidism may result from either lymphocytic thyroiditis or less commonly, idiopathic atrophy of the thyroid gland. Lymphocytic thyroiditis is usually associated with a positive thyroglobulin autoantibody (TgAA) test, while idiopathic atrophy is usually negative for TgAA.

TgAA is a marker for lymphocytic inflammation and is a predictor of lymphocytic thyroiditis, but is not a function test.

TgAA may become positive before clinical signs of hypothyroidism are apparent but vaccination in some dogs is also thought to give a transient positive result. Dogs that test positive for TgAA may go on to become clinically hypothyroid within twelve months, but a proportion of dogs (15%) do not become hypothyroid and become TgAA negative after 12 months.

VETERINARY INTERPRETATION:

Interpret in context of the pending free T4 and TSH. According the Michigan State veterinary diagnostic lab, increased TT4 has been seen in dogs in metestrus and pregnancy, but the overall effect of reproductive status on thyroid assay results has not been fully determined.

Amy L. Weeden, DVM, DACVP

TGAA ELISA performed and reported by Gribbles Veterinary, Tremaine Ave, Palmerston North

Test methodology references are available on request.

(Note: Results apply only to samples received, on an as found basis. Precision data will be supplied upon request. H = High result, L = Low result. Reference ranges are standard AHL reference ranges.)

Signed Emma Sharland
(Laboratory Technician - Pn)

Signed Amy Weeden
(Clinical Pathology Auckland)

Report Date: 13/04/2017 14:31

Final

Report Fee (ex GST): \$48.66

Gribbles Veterinary Pathology make every effort to collect, analyse and report the results of tests accurately and promptly but accepts no responsibility for any factors which influence the results that are beyond our control. This report should not be reproduced except in full.



Gribbles Veterinary Pathology
37-41 Carbine Road
Mt Wellington

Ph: 09 5744701
Fax: 09 5745304

Case No: AU1711876

Report To:	Warkworth Veterinary Services 18 Neville Street Warkworth 0910	Animal/Herd:	JINCEY	Age:	2 YEAR(S)
		Species:	Canine	Sex:	Female
		Breed:	Beagle		
Submitted by:	DANNY CASH	Date Sent:	12/04/2017 15:52		
Submitter ref:	119316A	Date Received:	12/04/2017 15:52		
Owner:	ROBERTS 09 431 4962	Date Tested:	21/04/2017 15:09		
Phone:	(09) 4314962	Notification:	PFax, Email		
		Fax Number:	6494257636		

Tests Requested: 3 x Serum - NZ Kennel Club Panel

Chemistry - Cumulative

	AU1711876 12/04/2017 JINCEY ROBERTS	Units	Ref Interval
Free T4	38.8	pmol/l	10 - 39
TSH	0.11	ng/ml	0.03 - 0.32

FREE T4 BY EQUILIBRIUM DIALYSIS REFERENCE RANGE

Canine

<6 pmol/L: Highly suggestive of hypothyroidism

6-19 pmol/L: Equivocal. Results have to be interpreted with clinical signs and history including non-thyroidal illness, and drug administration (especially corticosteroid and Phenobarbitone)

> 19 pmol/L: Hypothyroidism is unlikely

Normal TSH concentrations: 0.03-0.32 ng/ml

This result is suggestive of euthyroidism.

However, 20-40% of dogs with hypothyroidism have TSH within the reference interval.

If the clinical signs and bloodwork strongly support hypothyroidism (eg lethargy, dermatologic changes, +/- fasting hypercholesterolemia, +/- mild non-regenerative anaemia) and the total T4 is below the reference interval, then a treatment trial may be a consideration. Extremely rare cases of secondary hypothyroidism may also fall into this range.

Further information may be obtained by measuring free T4 as this is less affected by non-thyroidal factors than TT4.

The TSH test sensitivity ranges from 63-82% and has >90% specificity when used in conjunction with a serum TT4 level.

Ref- Feldman & Nelson. Canine and Feline Endocrinology and Reproduction 3rd edition p 2004.

VETERINARY INTERPRETATION:

The thyroid panel findings are most consistent with euthyroidism.

Amy L. Weeden, DVM, DACVP

Free T4 performed and reported by Gribbles Veterinary, Puddle Alley, Mosgiel, Dunedin

TSH performed and reported by Gribbles Veterinary, Tremaine Ave, Palmerston North