



ENRICHING PET LIFE THROUGH DIAGNOSTIC TESTING
world-wide personal mail-in diagnostic lab for vets and pets



HEMOLIFE (Diagnostic Division of HEMOPET)

11561 Salinaz Avenue, Garden Grove, CA 92843

Tel: 714-891-2022; Fax: 714-891-2123

www.hemopet.org www.nutriscan.org E-Mail: info@hemopet.org

Status: FINAL REPORT

Notes: Grandparents have produced Addison's. Testing is for peace of mind and to contribute data to the AD study.

Diet: (50/50 mix) Purina Pro Plan Sport w/ Taste of the Wild

Accession No.	Doctor	Owner	Pet Name	Received
HML77372	DAMON CAMPBELL	DEL PRINCE, MARTIN	KAIJE'S CONIRAYA	07/28/15
Species	Breed	Sex	Pet Age	Reported
Canine	Pharaoh Hound	M	2 Yrs 3 Months 49 lbs	08/06/15

Test Requested	Result	Case Specific	General Range	Units
T4	↑ 2.18 OK for age & breed	0.90 - 2.00	0.80 - 3.80	ug/dL
Free T4	↑ 1.63 OK for age & breed	0.50 - 1.20	0.55 - 2.32	ng/dL
T4/FT4 Ratio	1.34 See below		1.25 - 1.75	
T3	↑ 92.2	30 - 70	30.0 - 70.0	ng/dL
Free T3	3.10	1.6 - 3.5	1.60 - 3.50	pg/mL
Thyroglobulin Autoantibody (TgAA)	< 1 Negative	< 10	< 10	%
Thyroid Gold	Pass Certificate mailed separately			
TsH	0.05		0.00 - 0.60	ng/mL
Spectrum Allergy test	sent 7/2815 7-10 days. Results will be emailed separately.			
Platelet Count	237		170 - 400	10 ³ /μL
Platelet Est	Adequate			
WBC	8.9		4.0 - 15.5	10 ³ /μL
RBC	7.0		4.8 - 9.3	10 ⁶ /lμL
HGB	16.6		12.1 - 20.3	g/dL
HCT	52		36 - 60	%
MCV	74		58 - 79	fL
MCH	23.6		19 - 28	pg
MCHC	32		30 - 38	g/dL
Neutrophils	74			%
Absolute Neutrophils	6586		2060 - 10600	/μL
Lymphocytes	15			%
Absolute Lymphocytes	1335		690 - 4500	/μL
Monocytes	4			%
Absolute Monocytes	356		0 - 840	/μL



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Accession No. HML77372	Doctor DAMON CAMPBELL	Owner DEL PRINCE, MARTIN	Pet Name KAIJE'S CONIRAYA	Received 07/28/15
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Test Requested	Result	Case Specific	General Range	Units
Eosinophils	7			%
Absolute Eosinophils	623		0 - 1200	/μL
Basophils	0			%
Absolute Basophils	0		0 - 150	/μL
Resting Cortisol	1.5		1.0 - 5.0	ug/dL
IgA	60 OK		40 - 160	mg/dL
IgG (Total)	↑ 2300		1000 - 2000	mg/dl
IgM	189 OK		100 - 200	mg/dL
Total Protein	6.4		5.0 - 7.4	g/dL
Albumin	3.7		2.7 - 4.4	g/dL
Globulin	2.7		1.6 - 3.6	g/dL
A/G Ratio	1.4		0.8 - 2.0	
AST (SGOT)	25		15 - 66	IU/L
ALT (SGPT)	33		12 - 118	IU/L
Alk Phosphatase	31		5 - 131	IU/L
GGT	5		1 - 12	IU/L
Total Bilirubin	0.1		0.1 - 0.3	mg/dL
BUN	15		6 - 31	mg/dL
Creatinine	0.8		0.5 - 1.6	mg/dL
BUN/Creatinine Ratio	19		4 - 27	
Phosphorus	5.2		2.5 - 6.0	mg/dL
Glucose	98		70 - 138	mg/dL
Calcium	11.0		8.9 - 11.4	mg/dL
Magnesium	1.7		1.5 - 2.5	mEq/L
Sodium	152		139 - 154	mEq/L
Potassium	3.9		3.6 - 5.5	mEq/L
Na/K Ratio	↑ 39		27 - 38	
Chloride	117		102 - 120	mEq/L
Cholesterol	195		92 - 324	mg/dL
Triglyceride	43		29 - 291	mg/dL
Amylase	964		290 - 1125	IU/L
Lipase	315		77 - 695	IU/L
CPK	96		59 - 895	IU/L

FINAL RESULTS Immunoglobulin levels are normal overall. The elevated IgG just reflects some ongoing



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or prior response to tissue inflammation somewhere. Best wishes, Jean

MORE RESULTS Spectrum Environmental Allergy Screen is completed and showed reactions to: **Many grasses, 3 weeds, 4 trees, 3 fungi/molds, mouse skin and house dust mites (very high).** See attached report, Please try to avoid these exposures, if possible.

For walking on grasses or weeds, try Velcro booties (e.g. [Thera Paws.com](http://TheraPaws.com)) and use green or black tea solution wipes of the chin, neck, belly and feet when she comes in from outside. Make tea, let it cool, then take a thin wash cloth or other cloth and wet it in the tea and wipe the dog down.

Immunoglobulin results are pending. Best wishes, Jean

Dear Damon and Martin: Kaije's Coniraya's thyroid levels are normal overall here. Increased T3 level is most likely due to increased tissue metabolic demand. Recommend annual retesting. Thyroid GOLD Certificate will be mailed. Congratulations ! --Andrew Zuckerman, DVM and Jean Dodds, DVM

This is a preliminary interpretation. A final report will be sent when other results are available.

*T4/FT4 Ratios **at or below 1.25** generally, but not always, signify the presence of non-thyroidal illness (NTI), or, hypothyroidism + NTI. High T4/FT4 Ratios usually are not clinically relevant except in thyroxine overdose or thyroid-secreting tumors.

TGAA CONFIRMATORY TEST RANGES **< 10% =Negative;** 10%-25% =Equivocal;>25%= Positive

If positive (elevated), the TGAA level confirms autoimmune thyroiditis. False positive results can occur if the dog has been vaccinated for rabies within 30 to 40 days. Thyroid hormone supplementation can decrease TGAA levels. Performed using the preferred Non-Specific Binding (NSB) Method.

As Jean Dodds, DVM

HEMOLIFE assays and reports use patented non-RIA technology and interpretations. Thyroid 5™ is a trademark.