



IDEXX Reference Laboratories
Division of IDEXX Laboratories
www.idexx.com

One IDEXX Drive
Westbrook, Maine 04092
United States

IDEXX Reference Laboratories
Customer Support
888 433 9987



PET OWNER: **MADDOX**
PATIENT ID: 2821-4
SPECIES: FELINE
BREED:
GENDER: FEMALE INTACT
AGE: 13Y5M5D
MICROCHIP #:

JARRETTSVILLE VETERINARY CENTER
3961 NORRISVILLE RD
JARRETTSVILLE, MARYLAND 21084-1438

ACCOUNT #: 21470
ORDERED BY: MAGNIFICO

ACCESSION #: 2103762194
REQUISITION #: 123375220
DATE OF COLLECTION: **07/16/2019**
DATE OF RECEIPT: **07/17/2019**
DATE OF REPORT: **07/18/2019**

IDEXX SERVICES: 25499999 GERIATRIC PROFILE W/ CTSH

HEMATOLOGY

TEST	RESULT	REF. RANGE/UNITS
RBC ^a	10.94	(7.12 - 11.46) M/uL
Hematocrit	44.1	(28.2 - 52.7) %
Hemoglobin	13.8	(10.3 - 16.2) g/dL
MCV	40	(39 - 56) fL
MCH	12.6	(12.6 - 16.5) pg
MCHC	31.3	(28.5 - 37.8) g/dL
% Reticulocyte	0.1	%
Reticulocytes	11	(3 - 50) K/uL
Reticulocyte Hemoglobin	15.2	(13.2 - 20.8) pg
WBC	6.2	(3.9 - 19.0) K/uL
% Neutrophils	57.6	%
% Lymphocytes	24.8	%
% Monocytes	1.1	%
% Eosinophils	16.3	%
% Basophils	0.2	%
Neutrophils	3571	(2620 - 15170) /uL
Lymphocytes	1538	(850 - 5850) /uL
Monocytes	68	(40 - 530) /uL
Eosinophils	1011	(90 - 2180) /uL
Basophils	12	(0 - 100) /uL
Platelets	316	(155 - 641) K/uL

CHEMISTRY

TEST	RESULT	REF. RANGE/UNITS
Glucose	141	(72 - 175) mg/dL
IDEXX SDMA ^b	10	(0 - 14) ug/dL
Creatinine	2.0	(0.9 - 2.5) mg/dL
BUN	27	(16 - 37) mg/dL
BUN: Creatinine Ratio	13.5	
Phosphorus	4.6	(2.9 - 6.3) mg/dL
Calcium	9.5	(8.2 - 11.2) mg/dL
Sodium	152	(147 - 157) mmol/L
Potassium	4.4	(3.7 - 5.2) mmol/L

Na: K Ratio	35	(29 - 42)
Chloride	117	(114 - 126) mmol/L
TCO2 (Bicarbonate)	22	(12 - 22) mmol/L
Anion Gap	17	(12 - 25) mmol/L
Total Protein	7.3	(6.3 - 8.8) g/dL
Albumin	2.8	(2.6 - 3.9) g/dL
Globulin	4.5	(3.0 - 5.9) g/dL
Albumin: Globulin Ratio	0.6	(0.5 - 1.2)
ALT	53	(27 - 158) U/L
AST	39	(16 - 67) U/L
ALP	27	(12 - 59) U/L
GGT	<1	(0 - 6) U/L
Bilirubin - Total	0.1	(0.0 - 0.3) mg/dL
Bilirubin - Unconjugated	0.0	(0.0 - 0.2) mg/dL
Bilirubin - Conjugated	0.1	(0.0 - 0.2) mg/dL
Cholesterol	129	(91 - 305) mg/dL
Amylase	904	(623 - 2239) U/L
Lipase	51	(11 - 242) U/L
H Creatine Kinase	1232	(64 - 440) U/L
Hemolysis Index ^c	1+	
Lipemia Index ^d	N	

URINALYSIS

TEST	RESULT	REF. RANGE/UNITS
Collection	CYSTOCENTESIS	
Color	YELLOW	
Clarity	CLOUDY	
Specific Gravity	1.033	
pH	6.0	
Urine Protein	TRACE	
Glucose	NEGATIVE	
Ketones	NEGATIVE	
Blood / Hemoglobin	NEGATIVE	
Bilirubin	NEGATIVE	

Get deeper insights: For complete access to this patient's diagnostic results, including historic values and images, login to www.vetconnectplus.com

Final report generated July 18, 2019

PAGE 1 of 2



IDEXX Reference Laboratories
Division of IDEXX Laboratories
www.idexx.com

One IDEXX Drive
Westbrook, Maine 04092
United States

IDEXX Reference Laboratories
Customer Support
888 433 9987

PET OWNER: **MADDOX**DATE OF REPORT: **07/18/2019**ACCESSION # **2103762194**IDEXX SERVICES: **25499999 GERIATRIC PROFILE W/ CTSH****URINALYSIS**

TEST	RESULT	REF.RANGE/UNITS
Urobilinogen	NORMAL	
White Blood Cells	15-20	(0 - 5) HPF
Red Blood Cells	NONE SEEN	HPF
Bacteria	NONE SEEN	
Epithelial Cells	2+ (3-5)/HPF	
Mucus	NONE SEEN	
Casts	NONE SEEN	
Crystals	NONE SEEN	

ENDOCRINOLOGY

TEST	RESULT	REF.RANGE/UNITS
Total T4 ^f	1.3	 (0.8 - 4.7) ug/dL
Free T4 (ng/dL)	1.0	 (0.7 - 2.6) ng/dL
Free T4 (pmol/L) ^g	12.9	 (9.0 - 33.5) pmol/L
cTSH ^h	0.18	 (0.05 - 0.42) ng/mL

NOTES

HEMATOLOGY

a AUTOMATED CBC

CHEMISTRY

b BOTH SDMA AND CREATININE ARE WITHIN THE REFERENCE INTERVAL which indicates kidney function is likely good. Evaluate a complete urinalysis and confirm there is no other evidence of kidney disease.

c Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

d Index of N, 1+, 2+ exhibits no significant effect on chemistry values.

URINALYSIS

e NON-CRYSTALLINE DEBRIS PRESENT

ENDOCRINOLOGY

f Cats with no clinical signs of hyperthyroidism and a T4 within the reference interval are likely euthyroid. Cats with concurrent illnesses may need further assessment. For cats being treated for hyperthyroidism with controlled clinical signs, this result suggests adequate therapeutic response.

g In middle-aged to older cats with clinical signs of hyperthyroidism and a total T4 in the "grey zone" or upper end of the reference interval, an increased free T4 supports the diagnosis of hyperthyroidism. A normal free T4 makes the diagnosis of hyperthyroidism unlikely, but if a strong clinical suspicion remains, repeat thyroid testing in 6 to 8 weeks or a technetium scan is indicated.

h This test is canine specific and has not been validated for other species. There is no established reference interval for cats, and the TSH concentration falls below the detectable limit of the canine TSH assay in many euthyroid cats. A TSH concentration above the canine reference interval in a cat with a low TT4 and/or fT4 and compatible history and clinical signs is consistent with hypothyroidism. A TSH concentration within the canine reference interval in a cat with a low TT4 and/or fT4 and compatible history and clinical signs is inconclusive and may indicate a need to evaluate further for hypothyroidism or reevaluate thyroid function at a later date. References: Wakeling, J. Can Vet J. 2010;51(1):33-4. Wakeling, J, Elliott J, Syme, H. JVIM 2011;25:1057-1065.