

SAMPLE REFERENCE LABORATORY

Veterinary Diagnostic Report | Fictional lab for demonstration only

SAMPLE - FICTIONAL PATIENT
Not a real animal, owner, clinic or lab

PATIENT	JUNIPER	WEIGHT	4.1 kg	ACCOUNT	00000
SPECIES	Feline	OWNER	FAIRWEATHER, MORGAN	ACCESSION	SMPL-2610-4471
BREED	Domestic Shorthair	CLINIC	Willow Creek Vet Clinic	COLLECTED	10/14/2026 09:12
AGE / SEX	12 Y / Spayed Female	DOCTOR	Dr. A. Sample	REPORTED	10/14/2026 16:48

CHEMISTRY				Superchem, Feline
TEST	RESULT	FLAG	REFERENCE RANGE	UNITS
Total Protein	7.4		5.2 - 8.8	g/dL
Albumin	3.3		2.5 - 3.9	g/dL
Globulin	4.1		2.3 - 5.3	g/dL
A/G Ratio	0.8		0.35 - 1.5	
AST (SGOT)	28		10 - 100	U/L
ALT (SGPT)	54		10 - 100	U/L
Alk Phosphatase	22		6 - 102	U/L
GGT	2		1 - 10	U/L
Total Bilirubin	0.2		0.1 - 0.4	mg/dL
Urea Nitrogen (BUN)	48	H	14 - 36	mg/dL
Creatinine	2.6	H	0.6 - 2.4	mg/dL
SDMA	22	H	0 - 14	ug/dL
BUN/Creatinine Ratio	18.5			
Phosphorus	6.9		2.4 - 8.2	mg/dL
Glucose	118		64 - 170	mg/dL
Calcium	10.1		8.2 - 10.8	mg/dL
Magnesium	2.3		1.5 - 2.5	mEq/L
Sodium	153		145 - 158	mEq/L
Potassium	3.6		3.4 - 5.6	mEq/L
Na/K Ratio	43		32 - 45	
Chloride	119		104 - 128	mEq/L
Cholesterol	184		75 - 220	mg/dL
Triglycerides	52		25 - 160	mg/dL
Amylase	1180		100 - 1200	U/L
CPK	142		56 - 529	U/L

ENDOCRINOLOGY				Total T4
TEST	RESULT	FLAG	REFERENCE RANGE	UNITS
T4 (Thyroxine)	2.0		0.8 - 4.7	ug/dL

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JUNIPER | FAIRWEATHER, MORGAN | Accession SMPL-2610-4471 (continued)

HEMATOLOGY			CBC with Reticulocytes	
TEST	RESULT	FLAG	REFERENCE RANGE	UNITS
WBC	8.9		3.5 - 16.0	x10 ³ /uL
RBC	5.81	L	5.92 - 9.93	x10 ⁶ /uL
Hemoglobin	8.9	L	9.3 - 15.9	g/dL
Hematocrit	26.8	L	29 - 48	%
MCV	46		37 - 61	fL
MCH	15.3		11 - 21	pg
MCHC	33		30 - 38	g/dL
Reticulocytes, absolute	9.6		3 - 50	x10 ³ /uL
Platelet Count	312		200 - 500	x10 ³ /uL
Neutrophils, seg	6942		2500 - 8500	/uL
Neutrophils, band	0		0 - 300	/uL
Lymphocytes	1068	L	1200 - 8000	/uL
Monocytes	356		0 - 600	/uL
Eosinophils	534		0 - 1000	/uL
Basophils	0		0 - 150	/uL

Comment: Platelet clumps not seen. RBC morphology within normal limits.

URINALYSIS			Complete UA	
TEST	RESULT	FLAG	REFERENCE RANGE	UNITS
Collection	Cystocentesis			
Color / Clarity	Yellow / Clear			
Specific Gravity	1.017	L	1.035 - 1.060	
pH	6.5		5.5 - 7.0	
Protein	1+ (30)	H	Negative - Trace	mg/dL
Glucose	Negative		Negative	
Ketones	Negative		Negative	
Bilirubin	Negative		Negative	
Blood	Negative		Negative	
WBC (sediment)	0 - 2		0 - 5	/HPF
RBC (sediment)	0 - 2		0 - 5	/HPF
Bacteria	None seen		None	
Crystals / Casts	None seen		None	

Comment: Urine protein:creatinine ratio (UPC) is suggested to quantify proteinuria.