

Selected Hematologic and Serum Biochemical Values for Sugar Gliders

	Conventional (USA) Units	SI Units
Hematology		
Hemoglobin	13–15 g/dL	130–150 g/L
Hematocrit	45%–53%	0.45–0.53 L/L
RBCs	$5.1\text{--}7.2 \times 10^6/\mu\text{L}$	$5.1\text{--}7.2 \times 10^{12}/\text{L}$
Mean corpuscular Hgb concentration	30–33 g/dL	300–330 g/L
Mean corpuscular Hgb	18.2–20.6 pg	18.2–20.6 pg
WBCs	$5\text{--}12.2 \times 10^3/\mu\text{L}$	$5\text{--}12.2 \times 10^9/\text{L}$
Neutrophils	$1.5\text{--}3 \times 10^3/\mu\text{L}$	$1.5\text{--}3 \times 10^9/\text{L}$
Lymphocytes	$2.8\text{--}9.2 \times 10^3/\mu\text{L}$	$2.8\text{--}9.2 \times 10^9/\text{L}$
Monocytes	$0.06\text{--}0.2 \times 10^3/\mu\text{L}$	$0.06\text{--}0.2 \times 10^9/\text{L}$
Eosinophils	$0.02\text{--}0.14 \times 10^3/\mu\text{L}$	$0.02\text{--}0.14 \times 10^9/\text{L}$
Basophils	0	0
Plasma proteins	5.6–6.9 g/dL	56–69 g/L
Albumin	3–3.5 g/dL	30–35 g/L
Globulin	2.2–3.6 g/dL	22–36 g/L
Biochemistry		
ALT	50–106 U/L	50–106 U/L
AST	46–179 U/L	46–179 U/L
Calcium	6.9–8.4 mg/dL	1.7–2.1 mmol/L
CK	210–589 U/L	210–589 U/L
Creatinine	0.2–0.5 mg/dL	17.7–44.2 $\mu\text{mol/L}$
Glucose	130–183 mg/dL	7.2–10 mmol/L
Phosphorus	3.8–4.4 mg/dL	1.2–1.4 mmol/L
Potassium	3.3–5.9 mEq/L	3.3–5.9 mmol/L
Sodium	135–145 mEq/L	135–145 mmol/L
Urea	18–24 mg/dL	6.4–8.6 mmol/L

obtained from the Merck Veterinary Manual