














**Patient Name** Bernie Stubstad  
**Patient ID** 218145  
**Species** Bearded Dragon  
(Pogona vitticeps)  
**DOB** 06/04/2022  
**Age** 1y 7m  
**Sex / Weight** Male / 242g  
**Veterinarian** Lauren Powers  
DVM, DABVP  
**Clinic** Carolina Veterinary  
Specialists

### Interpretation

**Serum Appearance**  
Normal

### Patient Results

		2022 12/14	-	Trend ( current ► )
TP (g/dL)	5.8 3 6.9	4.4	-	
ALB (g/dL)	4.8 1.8 5.7	3.2	-	
GLOB (g/dL)	1.0 0.1 2.3	1.2	-	
AST (U/L)	14.0 7 64	8.0	-	
BA (umol/L)	17.8 0 21	1.2	-	
UA (mg/dL)	2.4 1 16	4.2	-	
BUN (mg/dL)	2.0 0 3	2.0	-	
GLU (mg/dL)	225.6 140 282	408.8 ▲	-	
CA (mg/dL)	14.5 10 21	12.3	-	
PHOS (mg/dL)	2.9 2.2 7.4	5.8	-	
NA (mmol/L)	157.0 131 165	145.8	-	
K (mmol/L)	3.3 3.2 5.4	3.4	-	
CL (mmol/L)	112.0 90 130	102.2	-	
CHOL (mg/dL)	324.0 130 427	304.0	-	
TRIG (mg/dL)	335.4 12 404	160.0	-	
CK (U/L)	1190.0 61 1500	116.0	-	
LDH (U/L)	122.0 56 516	102.0	-	



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### Pathology Findings

**Blood Smear Condition**  
 Good

**RBC Morphology**  
 2+ polychromasia

**Inclusion & Hemoparasite**  
 None seen

**Heterophil Morphology**  
 Toxic changes noted (basophilia, toxic granules)

**Lymphocyte Morphology**  
 Mature, small

**Pathologist Findings**  
 The leukogram with toxic heterophils is commonly associated with infectious diseases, noninfectious processes such as tissue damage/necrosis or neoplasia can also cause these changes. RBC polychromasia without anemia may represent extramedullary hematopoiesis or accelerated and increased hematopoiesis. Anemia can also be masked when there is dehydration. Correlate with clinical information.

### RBC Evaluation

**PCV (%)** 42.4  
 20 44

2022  
12/14

-

**Trend**  
(current ►)

### WBC Absolute

**WBC (/uL)** 30528.0  
 5640 19100

32820.0

-

**Heterophils (/uL)** 10600  
 840 7440

10327

-

**Toxic Cells (/uL)** 424  
 0 20

0

-

**Band Cells (/uL)** 0  
 0 150

0

-

**Lymphocytes (/uL)** 18126  
 1450 12400

18609

-

**Reactive Lymphocytes (/uL)** 0  
 0 20

0

-

**Azuropils (/uL)** 742  
 0 1980

3067

-

**Monocytes (/uL)** 0  
 0 200

0

-

**Basophils (/uL)** 636  
 190 1340

715

-

**Eosinophils (/uL)** 0  
 0 150

102

-

### WBC Differential

**% Heterophil (%)** 36.1  
 5 60

31.5

-

**% Lymphocyte (%)** 59.4  
 14 90

56.7

-

**% Azurophil (%)** 2.4  
 0 13

9.3

-

**% Monocyte (%)** 0.0  
 0 2

0.0

-

**% Basophil (%)** 2.1  
 1 10

2.2

-

**% Eosinophil (%)** 0.0  
 0 1

0.3

-

### Thrombocytes

**Manual Thrombocyte** Adequate

-

-

No historical range