

**Analytical and Assay Core Vet AXCEL Chemistry Analyzer**

<b><u>Assay</u></b>	<b><u>Units</u></b>	<b><u>Sample Volume (µl)</u></b>
Albumin (ALB)	g/dL	6
Alkaline Phosphatase (ALP)	U/L	8
Alanine Aminotransferase (ALT)	U/L	16
Amylase (AMYL)	U/L	6
Aspartate Aminotransferase (AST)	U/L	16
Bilirubin, Direct (DBILI)	mg/dL	14
Bilirubin, Total (TBILI)	mg/dL	14
Blood Urea Nitrogen (BUN)	mg/dL	6
Calcium (CA)	mg/dL	6
Cholesterol (CHOL)	mg/dL	6
Creatine Kinase (CK)	U/L	8
Carbon Dioxide (CO2)	mEq/L	10
Creatinine (CREAT)	mg/dL	24
Direct TIBC	µg/dL	20
Ferritin (FERITN)	ng/mL	16
Gamma-Glutamyl Transferase (GGT)	U/L	8
Glucose (GLU)	mg/dL	6
HDL-C	mg/dL	6
Hemoglobin A1c	%	22
Inorganic Phosphorus	mg/dL	6
Lactate Dehydrogenase (LDH)	U/L	8
LDL-C	mg/dL	6
Lipase (LIP)	U/L	6
Lipase (LIP)	U/L	6
Magnesium (MG)	mg/dL	6
Total Thyroxine (T4)	µg/dL	8
Total Iron (TIRON)	µg/dL	54
Total Protein (TP)	g/dL	6
Triglycerides (TRIG)	mg/dL	6
Uric Acid (UA)	mg/dL	6
Sodium (Na+)	mmol/L	165
Potassium (K+)	mmol/L	165
Chloride (Cl-)	mmol/L	165