

Here is what we are checking in your pet...

CBC – This provides information on the red and white blood cell counts, as well as platelet counts. A CBC helps us to detect such issues as anemia, infection, or potential bleeding disorders.

Blood Chemistry – This checks various enzymes, liver and kidney values, and a blood glucose level as well. The following are checked in the Blood Chemistry:

- **Albumin (ALB)** – Protein produced by the liver. Lowered levels may suggest chronic liver, kidney, or intestinal disease.
- **Alanine Aminotransferase (ALT)** – Elevated levels of this enzyme can coexist with liver disease or injury.
- **Alkaline Phosphatase (ALKP)** – Enzyme found in liver and bone tissues. Liver disease, Cushing's syndrome, or steroid therapy can be indicated from elevated levels.
- **Amylase (AMYL)** – Pancreatic enzyme which aids in digestion. Higher levels may point to pancreatic disease.
- **Blood Urea Nitrogen (BUN)** – Produced by the liver and excreted by the kidneys. If elevated, it can indicate kidney disease or dehydration. If low, it could suggest liver disease.
- **Calcium** – Elevated levels can be associated with kidney or parathyroid diseases, or even be a sign of certain types of tumors.
- **Cholesterol (CHOL)** – High levels are seen in a number of disorders, which could be liver or kidney disease or hypothyroidism.
- **Creatinine (CREA)** – Muscle metabolism by-product, and is excreted by kidneys. If these levels are high, it could mean kidney disease, dehydration, or urinary tract obstruction.
- **Blood Glucose (GLU)** Most often a sign of diabetes when high (but could also just be stress!), however; could also suggest liver disease, infection, or even certain tumors if the levels are low.
- **Phosphorus (PHOS)** – Could point to kidney disease if elevated.
- **Total Bilirubin (TBIL)** – These levels are useful in indicating liver disease and may even lend a hand in characterizing anemia. Bilirubin is a breakdown product of hemoglobin, and is also a component of bile.
- **Total Protein (TP)** – This can indicate an assortment of conditions, including diseases of the kidney, liver, or intestine, or dehydration.

Urinalysis – Urine contains by-products from many organs filtered through the kidneys. Abnormal levels can indicate diabetes, urinary tract disease, kidney or liver diseases.

T4 – A thyroid profile is very important for if left untreated, thyroid disease can have a severe impact on your cat or dog's health. We need to be sure that thyroid function is normal.

Fecal Exam – Tests for intestinal parasites which can be transmissible to humans.