

Diagnostic Testing



Complete Blood Count (CBC): A blood test that provides measurements of red blood cells, white blood cells and platelets. The CBC is an important tool that can detect conditions such as anemia, leukemia and other blood disorders as well as assess stress levels, inflammation, infection and allergic responses. Platelets are a critical component of clotting functions.

Chemistry Panel: A report of blood tests that helps us assess internal organ function including kidney and liver tests, blood sugar levels, proteins, minerals and electrolytes too. This is almost identical to the chemistry panels we are tested with for our own periodic evaluations.

American Animal Hospital uses state-of-the-art, new computerized equipment for our in-house CBC and Chemistry Panel evaluations. Tests sent to outside “reference” laboratories are sent only to top-of-the-line certified veterinary testing facilities. We want only the best, most accurate testing for your pets and our own!



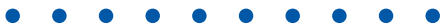
4DX Test: This blood test assesses Heartworm infection, Lyme Disease exposure and tests for infection by two other tick-borne diseases called Ehrlichia and Anaplasma. These diseases are much more common than people realize. All can be treated if they are diagnosed and treatment is much easier when the disease is detected early.



Canine T4 Thyroid Test: The Total T4 is a blood test to help us screen for thyroid problems in your dog. Dogs may be too low or ‘hypo-thyroid’ and this is a fairly common problem. Low thyroid levels can lead to liver and skin problems, obesity and lethargy.



Urinalysis: A urine test that is one of the most important clinical diagnostic tools. This test assesses the physical and chemical composition of urine. Abnormal results usually indicate that there is a problem with the kidneys and/or urinary system. However, a urinalysis can also provide clues about problems in other organ systems, or may indicate the presence of a metabolic disease, such as diabetes.



Radiographs: X-rays allow us to ‘look’ inside the body for injury or disease. Not only used for bones, radiographs provide examination of some internal organs. For this screening package, we will be able to assess the lungs, the shape and size of the heart, and the spinal column and lymph nodes of the chest.



Electrocardiogram “ECG” Screen: We use the most modern technology available to transmit an electrocardiogram to a Board Certified Veterinary Cardiologist at IDEXX Telemedicine Services. The Cardiologist provides us with a basic assessment of the heart’s electrical activity which can help us evaluate the need for further cardiac or metabolic testing.



Blood Pressure (BP): Dogs can be ‘hypertensive’ meaning they can have high blood pressure just like us. High blood pressure can lead to blindness, kidney disease, heart problems and even strokes. Low blood pressure can also indicate serious internal diseases. At American Animal Hospital we measure blood pressure with state-of-the-art equipment using either Doppler or oscillometric sensors.

