UNDERSTANDING YOUR PET'S BLOOD WORK

Patient	Date
Highlighted tests were performed. An "X" next to a test indic	ates a significant abnormal finding in your pet's blood work.
Complete Blood Count (CBC).	
RBC (red blood cell count) measures the number of oxygen	carrying blood cells. Low count indicates anemia.
	is made up of red blood cells to detect anemia and dehydration.
MCV, HGB, MCH and MCHC measure the size or the ox	
RETICULOCYTE COUNT is a indication of the patient's	
	ation or infection. A decrease may indicate as an immune deficiency.
	form blood clots. Splenic disease, tick borne disease and immune
	low platelet count and from clotting of the blood during handling.
	evated mildly during stress and moderately to high during bacterial
infections and other types of inflammation.	
	ate phase of bacterial infections and other aggressive inflammations.
LYMPHOCYTES are a type of white blood cell which may	
	during fungal infections, tissue damage and chronic inflammation.
EOSINOPHILS are a type of white blood cell that may ind	
BASOPHILS are a type of white blood cell that indicate a v	ariety of diseases including allergies.
Blood Chemistries	
GLU (glucose) is a blood sugar. Elevation may indicate stre	ess or diabetes and low levels can cause collapse, seizures or coma.
BUN (blood urea nitrogen) is a measurement of ammonia in	the blood and indicates kidney function.
CREA (creatinine) reflects kidney function.	
PHOS (phosphorus) elevation is most often associated with	
Ca (calcium) abnormality may indicate tumors, kidney disea	
Na (sodium) is an electrolyte often reduced with vomiting, of	
	a low levels and Addison's disease/urethral obstruction in high levels.
Cl (chloride) is an electrolyte often found to be low with vor	
TCO2 (bicarb) can measure the acidity/alkalinity of the block	
ANION GAP uses the electrolyte levels to determine the sign	
TP (total protein) is determined by adding albumin proteins	
ALB (albumin) is a serum protein that helps evaluate hydrat	
GLOB (globulin) is a blood protein often elevated with chro	
ALT (alanine aminotransferase) is a sensitive indicator of ac	
AST (aspartate aminotransferase) increase may indicate live	
	iver/gall bladder or adrenal disease but not reduced liver function.
	elevated in some cases of liver disease and corticosteroid excess.
OSMOLALITY helps evaluate hydration status along with	
BILIRUBIN (total, inconjugated, conjugated) elevations m	
	othyroidism, liver disease, Cushing's disease and diabetes mellitus.
AMYL, LIP (amylase, lipase) fairly nonspecific tests where	
CK (creatine kinase) is an enzyme which is elevated in case.	
	n damaged during blood collection. Excess can affect results.
· · · · · · · · · · · · · · · · · · ·	s commonly seen in nonfasted patients. Excess can affect results.
T4 (thyroxine) is a thyroid hormone. Used as a screening tes	
FREE T4 is another form of thyroid hormone. This is a mo	
Urinalysis is helpful in evaluation of the urinary tract (kidne	
FRUCTOSAMINE is an "average" blood sugar and used tHEARTWORM	o determine now wen a patients diabetes is controlled.
PANCREAS PLI is a specific test for inflammation of the p	nancreas (Pancreatitis)
and to a series a specific cost for infiantification of the	mine our (a unividuality