

Pet Doctors Veterinary Supplies and Services
Immunoassay Test Report

Pet Name: Blackjack	Owner Name: Chester Cornel	Species: Canine
Gender: Male	Age: 4Year	Patient or Visit No.:
Sample ID: 202606290001	Time Tested: 29/06/2026 11:41:13	

Test Result

Test	Result	Unit	Reference Range
SDMA	7.38 Normal	µg/dL	≤14 µg/dL Normal 14-19 µg/dL Suspected >19 µg/dL Abnormal

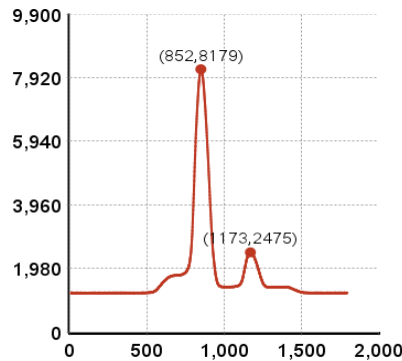


Figure1:SDMA

Clinical Significance

SDMA Symmetric dimethylarginine (SDMA) is a methylated arginine amino acid. Most of SDMA is excreted by the kidneys. SDMA is an early biomarker of kidney function. It correlates well with glomerular filtration rate(GFR). SDMA tests diagnose chronic kidney disease (CKD) and acute kidney injury (AKI) much earlier than creatinine tests.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ricardo Valdez

Date Reported: 29/06/2026

This report is solely for the received sample and serves as a diagnostic reference for veterinarians.



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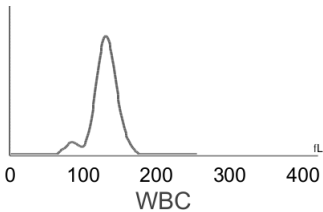
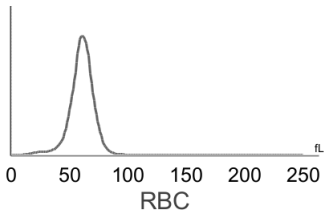
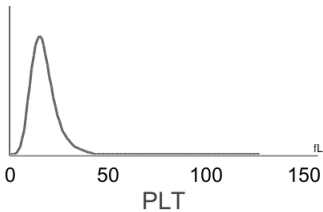
Pet Doctors Veterinary Supplies and Services

Blood Morphology Analysis Report

Pet Name: Black Jack
Gender: Male
Sample ID: 260629003

Owner Name: Chester Cornel
Age: 4Y
Sample Type: Blood

Species: Canine
Patient or Visit NO.:
Time Tested: 29/06/2026 11:19:55

Test	Result		Unit	Reference Range	Low	Normal	High
1.WBC							
1-1WBC	30.55	↑	10 ⁹ /L	6.00-17.00			
1-2Neu#	23.31	↑	10 ⁹ /L	3.62-12.30			
1-3Nst#	0.00		10 ⁹ /L	0.00-1.00			
1-4Nsg#	23.31	↑	10 ⁹ /L	2.30-11.50			
1-5Nsh#	0.00		10 ⁹ /L	0.00-3.50			
1-6Lym#	4.12		10 ⁹ /L	0.83-4.91			
1-7Mon#	1.56		10 ⁹ /L	0.14-1.97			
1-8Eos#	1.56		10 ⁹ /L	0.04-1.62			
1-9Bas#	0.00		10 ⁹ /L	0.00-0.12			
1-10Neu%	76.3		%	50.0-81.0			
1-11Nst/WBC%	0.0		%	0.0-10.0			
1-12Nsg%	76.3	↑	%	48.0-70.0			
1-13Nsh/WBC%	0.0		%	0.0-15.5			
1-14Lym%	13.5		%	12.0-33.0			
1-15Mon%	5.1		%	2.0-13.0			
1-16Eos%	5.1		%	0.5-10.0			
1-17Bas%	0.0		%	0.0-1.3			
1-18Nst/Neu%	0.0		%	0.0-22.0			
1-19Nsh/Neu%	0.0		%	0.0-20.0			
2.RBC							
2-1RBC	5.93		10 ¹² /L	5.10-8.50			
2-2HGB	139		g/L	110-190			
2-3HCT	42.0		%	35.0-58.0			
2-4MCV	70.9		fL	55.0-83.0			
2-5MCH	23.4		pg	18.0-31.0			
2-6MCHC	340		g/L	260-430			
2-7RDW-CV	15.8		%	11.2-21.3			
2-8RDW-SD	41.3		fL	31.2-51.7			
2-9RET#	10.57		10 ⁹ /L	3.00-45.00			
2-10RET%	0.18		%	0.00-1.00			
2-11MCVr	45.1		fL	30.0-120.0			
2-12MCVr-CV	43.9		%	20.0-80.0			
2-13NRBC#	0.00		10 ⁹ /L	0.00-0.10			
2-14NRBC/WBC%	0.00		%	0.00-0.50			
2-15ETG#	0.00		10 ¹² /L	0.00-0.10			
2-16ETG%	0.02		%	0.00-3.00			
2-17SPH#	4.08		10 ⁹ /L	0.00-150.00			
2-18SPH%	0.07		%	0.00-2.00			
2-19AGG#	0.00		10 ⁹ /L	0.00-0.50			
3.PLT							
3-1PLT	354		10 ⁹ /L	117-490			
3-2MPV	9.7		fL	8.4-14.1			
3-3PCT	0.342		%	0.090-0.580			
3-4PDW-CV	68.7		%	30.0-80.0			
3-5PDW-SD	11.0		fL	5.0-20.0			
3-6LPLT#	94		10 ⁹ /L	0-285			
3-7P-LCR	26.4		%	9.0-50.0			
							
WBC				RBC			
							
				PLT			



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Chemistry Test Report

Pet Name: Blackjack
Gender: Male
Sample ID: 2606290001

Owner Name: Chester Cornel
Age: 4 Years
Sample Type: Whole Blood

Species: Canine
Patient or Visit No.:
Time Tested: 29/06/2026 11:19:40

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	79.0	g/L	52-82				Whole Body
ALB	17.7	↓ g/L	22-44				Liver, Kidney
GLOB	61.3	↑ g/L	20-52				Whole Body
ALB/GLOB	0.3						Calculated value
TBIL	5.76	umol/L	2-15				Whole Body, Liver
GGT	0.3	U/L	0-7				Liver
AST	12	U/L	8.9-55				Liver
ALT	46	U/L	10-140				Liver
AST/ALT	0.26						Calculated value
ALP	165	↑ U/L	20-150				Liver
TBA	10.5	umol/L	0-20				Liver, Gallbladder
AMYL	975	U/L	200-1800				Pancreas
CK	69	U/L	20-200				Myocardium, Skeletal muscle
CREA	113	umol/L	27-149				Kidney
BUN	4.18	mmol/L	2.5-11.5				Kidney
BUN/CREA	9						Calculated value
GLU	5.30	mmol/L	3.89-7.95				Whole Body
CHOL	3.30	mmol/L	2.84-8.26				Whole Body
TRIG	1.48	↑ mmol/L	0.1-0.9				
tCO2	18	mmol/L	12-27				Whole Body
Ca	2.24	mmol/L	1.98-2.95				Whole Body
PHOS	1.60	mmol/L	0.81-2.2				Kidney
Ca×P	44	mg/dL					
Mg	0.62	mmol/L	0.6-1.09				

Clinical Significance

ALB	Decreased levels: ① Malnutrition; ② Chronic wasting diseases; ③ Acute decrease seen in massive hemorrhage; ④ Blood dilution due to large volume infusion; ⑤ Chronic infections, tumors, trauma; ⑥ Hepatic dysfunction, decreased synthesis, ascites formation; ⑦ Renal diseases: glomerulonephritis, protein-losing nephropathy; ⑧ Severe malnutrition due to long-term starvation, diarrhea, malabsorption/digestion.
GLOB	Elevated levels: ① Tumors: lymphoma, multiple myeloma, etc.; ② Infectious diseases: bacterial, fungal, parasitic, protozoal, viral; ③ Immune-mediated/inflammatory: hepatitis, nephritis, purulent diseases, allergies, IMHA, lupus erythematosus, polyarthritis, etc.
ALP	Elevated levels: ① Primary or metastatic tumors; ② Acute toxic liver injury; ③ Normal in young growing animals; ④ Bone marrow diseases causing increased osteoblast activity; ⑤ Hemolysis, lipemia, hyperbilirubinemia causing false elevation; ⑥ Drug/toxin effects: corticosteroids, barbiturates, aflatoxins, etc.; ⑦ Hepatobiliary diseases: cholangitis, chronic hepatitis, cirrhosis, hepatic lipidosis, etc.; ⑧ Endocrine diseases: hyperthyroidism, hyperadrenocorticism, diabetes.
TRIG	Elevated levels: ① Hypothyroidism; ② Diabetes mellitus; ③ Pancreatitis; ④ Cholestasis; ⑤ Fasting (obesity); ⑥ Spontaneous hyperlipidemia; ⑦ Hyperadrenocorticism; ⑧ Spontaneous hyperchylomicronemia; ⑨ Physiological increase after a fatty meal.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Ricardo Valdez

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