

Pet Doctors Veterinary Supplies and Services

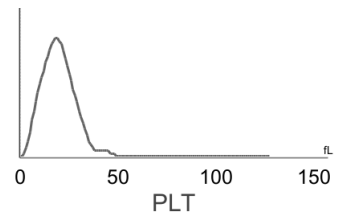
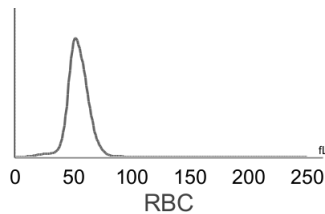
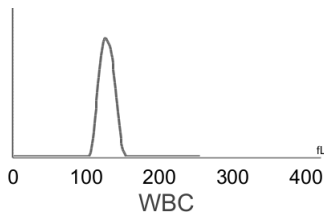
Blood Morphology Analysis Report

Pet Name: Ryo
 Gender: Male
 Sample ID: 260527001

Owner Name:
 Age: 6Y
 Sample Type: Blood

Species: Canine
 Patient or Visit NO.:
 Time Tested: 27/05/2026 01:04:33

Test	Result	Unit	Reference Range	Low	Normal	High
1.WBC						
1-1WBC	7.35	10 ⁹ /L	6.00-17.00			
1-2Neu#	5.42	10 ⁹ /L	3.62-12.30			
1-3Nst#	0.00	10 ⁹ /L	0.00-1.00			
1-4Nsg#	5.42	10 ⁹ /L	2.30-11.50			
1-5Nsh#	0.00	10 ⁹ /L	0.00-3.50			
1-6Lym#	0.97	10 ⁹ /L	0.83-4.91			
1-7Mon#	0.48	10 ⁹ /L	0.14-1.97			
1-8Eos#	0.48	10 ⁹ /L	0.04-1.62			
1-9Bas#	0.00	10 ⁹ /L	0.00-0.12			
1-10Neu%	73.8	%	50.0-81.0			
1-11Nst/WBC%	0.0	%	0.0-10.0			
1-12Nsg%	73.8	↑ %	48.0-70.0			
1-13Nsh/WBC%	0.0	%	0.0-15.5			
1-14Lym%	13.2	%	12.0-33.0			
1-15Mon%	6.5	%	2.0-13.0			
1-16Eos%	6.5	%	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	5.74	10 ¹² /L	5.10-8.50			
2-2HGB	118	g/L	110-190			
2-3HCT	36.2	%	35.0-58.0			
2-4MCV	63.0	fL	55.0-83.0			
2-5MCH	20.5	pg	18.0-31.0			
2-6MCHC	338	g/L	260-430			
2-7RDW-CV	17.3	%	11.2-21.3			
2-8RDW-SD	39.8	fL	31.2-51.7			
2-9RET#	7.44	10 ⁹ /L	3.00-45.00			
2-10RET%	0.13	%	0.00-1.00			
2-11MCVr	41.7	fL	30.0-120.0			
2-12MCVr-CV	43.8	%	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%	0.03	%	0.00-3.00			
2-17SPH#	9.71	10 ⁹ /L	0.00-150.00			
2-18SPH%	0.17	%	0.00-2.00			
2-19AGG#	0.00	10 ⁹ /L	0.00-0.50			
3.PLT						
3-1PLT	132	10 ⁹ /L	117-490			
3-2MPV	10.9	fL	8.4-14.1			
3-3PCT	0.144	%	0.090-0.580			
3-4PDW-CV	86.8	↑ %	30.0-80.0			
3-5PDW-SD	16.3	fL	5.0-20.0			
3-6LPLT#	44	10 ⁹ /L	0-285			
3-7P-LCR	33.2	%	9.0-50.0			



Hospital Tel: +639171533903
Hospital Add: McArthur Highway, San Miguel, Calasiao, Pangasinan



Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: RYO
 Gender: Male
 Sample ID: 2605270001

Owner Name:
 Age: 6 Years
 Sample Type: Whole Blood

Species: Canine
 Patient or Visit No.:
 Time Tested: 27/05/2026 01:03:21

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	80.3	g/L	52-82				Whole Body
ALB	32.4	g/L	22-44				Liver, Kidney
GLOB	47.9	g/L	20-52				Whole Body
ALB/GLOB	0.7						Calculated value
TBIL	3.99	umol/L	2-15				Whole Body, Liver
GGT	7.3	↑ U/L	0-7				Liver
AST	67	↑ U/L	8.9-55				Liver
ALT	28	U/L	10-140				Liver
AST/ALT	2.39						Calculated value
ALP	25	U/L	20-150				Liver
TBA	4.61	umol/L	0-20				Liver, Gallbladder
AMYL	616	U/L	200-1800				Pancreas
CK	277	↑ U/L	20-200				Myocardium, Skeletal muscle
CREA	120	umol/L	27-149				Kidney
BUN	4.51	mmol/L	2.5-11.5				Kidney
BUN/CREA	9						Calculated value
GLU	6.91	mmol/L	3.89-7.95				Whole Body
CHOL	3.25	mmol/L	2.84-8.26				Whole Body
TRIG	0.41	mmol/L	0.1-0.9				
tCO2	12	mmol/L	12-27				Whole Body
Ca	2.53	mmol/L	1.98-2.95				Whole Body
PHOS	0.50	↓ mmol/L	0.81-2.2				Kidney
Ca×P	16	mg/dL					
Mg	0.73	mmol/L	0.6-1.09				

Clinical Significance

GGT	Elevated levels: ① Jaundice; ② Lipemia causing false elevation; ③ Drug effects: barbiturates, corticosteroids, nonsteroidal anti-inflammatory drugs, etc.; ④ Hepatic diseases: liver tumors, chronic hepatitis, cirrhosis, hepatic lipidosis; ⑤ Extrahepatic diseases: cholecystitis, gallstones, gallbladder mucinous cyst, hyperthyroidism, pancreatitis, hypoadrenocorticism, etc.
AST	Elevated levels: ① Hepatic system diseases; ② Hemolysis, lipemia causing false elevation; ③ Equine paralytic myoglobinuria; ④ Cardiac injury: myocarditis, myocardial infarction; ⑤ Skeletal muscle diseases: canine degenerative myopathy, muscle injury; ⑥ Drug/toxin effects: barbiturates, corticosteroids, nonsteroidal anti-inflammatory drugs, ketoconazole, etc.
CK	Elevated levels: ① Myocardial necrosis; ② Strenuous exercise; ③ Prolonged recumbency; ④ Skeletal muscle injury; ⑤ Neurological disease; ⑥ Hypothyroidism; ⑦ Hemolysis or intramuscular injection during blood draw.
PHOS	Decreased levels: ① Diabetic ketoacidosis; ② Malignant tumor hypercalcemia; ③ Nutritional deficiency and malabsorption; ④ Primary hyperparathyroidism; ⑤ Insufficient vitamin D intake, alkalosis, insulinoma/hyperinsulinemia.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Cassandra R. Oyan

Date Reported: 27/05/2026

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



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Hospital Add.: McArthur Highway, San Miguel, Calasiao, Pangasinan



Pet Doctors Veterinary Supplies and Services
Immunoassay Test Report

Pet Name: Ryo

Owner Name:

Species: Canine

Gender: Male

Age: 6Year

Patient or Visit No.:

Sample ID: 202605270001

Time Tested: 27/05/2026 01:01:24

Test Result

Test	Result	Unit	Reference Range
SDMA	3.43 Normal	µg/dL	≤14 µg/dL Normal 14-19 µg/dL Suspected >19 µg/dL Abnormal

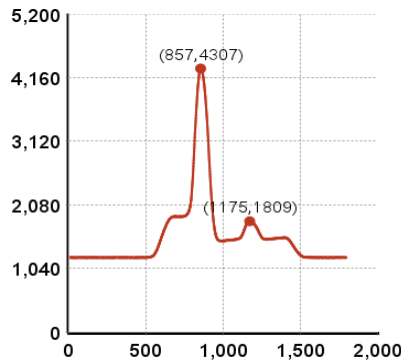


Figure1:SDMA

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. Cassandra Jane R. Oyan

Date Reported: 27/05/2026

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