

Pet Doctors Veterinary Supplies and Services
Immunoassay Test Report

Pet Name: MALTY

Owner Name: Anna Viray

Species: Canine

Gender: Male

Age: 2Year

Patient or Visit No.:

Sample ID: 202607130001

Time Tested: 13/07/2026 14:32:05

Test Result

Test	Result	Unit	Reference Range
SDMA	4.80 Normal	µg/dL	≤14 µg/dL Normal 14-19 µg/dL Suspected >19 µg/dL Abnormal

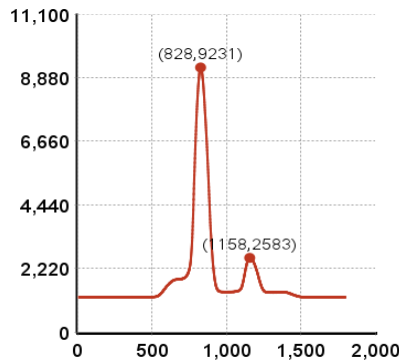


Figure1:SDMA

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. Chelsi Marie Gabor

Date Reported: 13/07/2026

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



Hospital Tel.: +639171533903

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



Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Malty
Gender: Male
Sample ID: 2607130001

Owner Name: Anna Viray
Age: 2 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 13/07/2026 14:08:28

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	46.3	↓ g/L	52-82				Whole Body
ALB	22.2	g/L	22-44				Liver, Kidney
GLOB	24.1	g/L	20-52				Whole Body
ALB/GLOB	0.9						Calculated value
TBIL	2.91	umol/L	2-15				Whole Body, Liver
GGT	3.9	U/L	0-7				Liver
AST	33	U/L	8.9-55				Liver
ALT	57	U/L	10-140				Liver
AST/ALT	0.58						Calculated value
ALP	106	U/L	20-150				Liver
TBA	3.89	umol/L	0-20				Liver, Gallbladder
AMYL	621	U/L	200-1800				Pancreas
CK	124	U/L	20-200				Myocardium, Skeletal muscle
CREA	172	↑ umol/L	27-149				Kidney
BUN	11.1	mmol/L	2.5-11.5				Kidney
BUN/CREA	16						Calculated value
GLU	8.39	↑ mmol/L	3.89-7.95				Whole Body
CHOL	4.49	mmol/L	2.84-8.26				Whole Body
TRIG	0.94	↑ mmol/L	0.1-0.9				
tCO2	22	mmol/L	12-27				Whole Body
Ca	2.18	mmol/L	1.98-2.95				Whole Body
PHOS	2.01	mmol/L	0.81-2.2				Kidney
Ca×P	54	mg/dL					
Mg	0.69	mmol/L	0.6-1.09				

Clinical Significance

TP	Decreased levels: ① Starvation; ② Neonatal puppies; ③ Hepatic diseases; ④ Nephrotic syndrome; ⑤ Protein-losing enteropathy; ⑥ Protein-losing nephropathy; ⑦ Chronic inflammation and severe burns; ⑧ Increased blood water content, malnutrition or increased consumption.
CREA	Elevated levels: ① Pre-renal conditions: insufficient renal perfusion, dehydration, extensive muscle damage; ② Renal diseases: severe renal diseases; ③ Post-renal: urethral obstruction; ④ Physiological increase: animals with rich muscle tissue.
GLU	Elevated levels: ① Drugs: corticosteroids, progesterone; ② Physiological: postprandial, stress, excitement; ③ Diseases: diabetes mellitus, hyperadrenocorticism, acromegaly, hyperthyroidism, pancreatitis, pheochromocytoma.
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. Chelsi Marie Gabor

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