

Pet Doctors Veterinary Supplies and Services
Immunoassay Test Report

Pet Name: Douglas

Owner Name: Marinella Palaganas

Species: Feline

Gender: Male

Age: 9Month

Patient or Visit No.:

Sample ID: 202607310001

Time Tested: 31/07/2026 16:45:00

Test Result

Test	Result	Unit	Reference Range
SDMA	16.68 Suspected	µg/dL	≤14 µg/dL Normal 14-19 µg/dL Suspected >19 µg/dL Abnormal

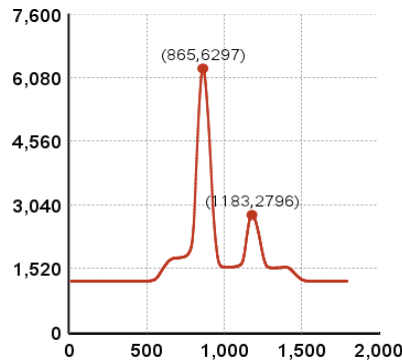


Figure1:SDMA

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. Marian Grace Wanagen

Date Reported: 01/08/2026

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: Douglas
Gender: Male
Sample ID: 2607310001

Owner Name: Marinella Palaganas
Age: 9 Months
Sample Type: Serum

Species: Feline
Patient or Visit No.:
Time Tested: 31/07/2026 16:21:22

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	85.0	g/L	54-89				Whole Body
ALB	26.6	g/L	22-45				Liver, Kidney
GLOB	58.4	↑ g/L	15-57				Whole Body
ALB/GLOB	0.5						Calculated value
TBIL	4.75	umol/L	2-15				Whole Body, Liver
GGT	0.5	U/L	0-2				Liver
AST	21	U/L	9.2-60				Liver
ALT	41	U/L	8.2-123				Liver
AST/ALT	0.51						Calculated value
ALP	103	↑ U/L	10-90				Liver
TBA	3.24	umol/L	0-15				Liver, Gallbladder
AMYL	1075	U/L	200-1800				Pancreas
CK	335	U/L	50-450				Myocardium, Skeletal muscle
CREA	51	umol/L	27-223				Kidney
BUN	7.96	mmol/L	3.6-15.5				Kidney
BUN/CREA	39						Calculated value
GLU	6.94	mmol/L	4.11-8.84				Whole Body
CHOL	2.03	mmol/L	1.68-5.81				Whole Body
TRIG	0.45	mmol/L	0.1-0.9				
tCO2	19	mmol/L	15-24				Whole Body
Ca	2.35	mmol/L	1.95-2.95				Whole Body
PHOS	2.01	mmol/L	1-2.74				Kidney
Ca×P	59	mg/dL					
Mg	0.66	↓ mmol/L	0.7-1.21				

Clinical Significance

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.
Mg	Decreased levels: ① Intestinal absorption disorders; ② Hyperparathyroidism; ③ Fluid disorders, acute pancreatitis; ④ Prolonged fasting, chronic diarrhea with malabsorption; ⑤ Diabetic ketoacidosis, hyperaldosteronism; ⑥ Renal tubular injury/necrosis, post-obstructive diuresis, long-term diuretic therapy.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

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