

Pet Doctors Veterinary Supplies and Services
Immunoassay Test Report

Pet Name: Zuki

Owner Name: Marla Sosa

Species: Canine

Gender: Female

Age: 4Year

Patient or Visit No.:

Sample ID: 202608140001

Time Tested: 14/08/2026 11:24:19

Test Result

Test	Result	Unit	Reference Range
SDMA	<2.00 Normal	µg/dL	≤14 µg/dL Normal 14-19 µg/dL Suspected >19 µg/dL Abnormal

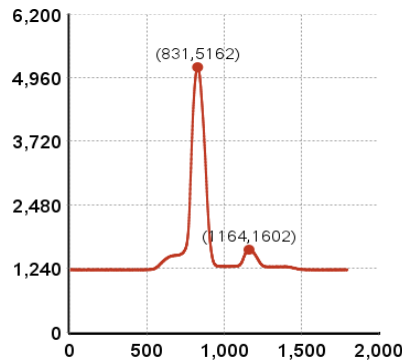


Figure1:SDMA

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. Marian Grace Wanagen

Date Reported: 14/08/2026

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: Zuki
Gender: Female
Sample ID: 2608140001

Owner Name: Marla Sosa
Age: 4 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 14/08/2026 10:58:16

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	74.4	g/L	52-82				Whole Body
ALB	38.2	g/L	22-44				Liver, Kidney
GLOB	36.2	g/L	20-52				Whole Body
ALB/GLOB	1.1						Calculated value
TBIL	2.80	umol/L	2-15				Whole Body, Liver
GGT	2.1	U/L	0-7				Liver
AST	24	U/L	8.9-55				Liver
ALT	52	U/L	10-140				Liver
AST/ALT	0.46						Calculated value
ALP	101	U/L	20-150				Liver
TBA	7.70	umol/L	0-20				Liver, Gallbladder
AMYL	731	U/L	200-1800				Pancreas
CK	196	U/L	20-200				Myocardium, Skeletal muscle
CREA	129	umol/L	27-149				Kidney
BUN	15.3	↑ mmol/L	2.5-11.5				Kidney
BUN/CREA	29						Calculated value
GLU	10.43	↑ mmol/L	3.89-7.95				Whole Body
CHOL	5.33	mmol/L	2.84-8.26				Whole Body
TRIG	1.03	↑ mmol/L	0.1-0.9				
tCO2	15	mmol/L	12-27				Whole Body
Ca	2.56	mmol/L	1.98-2.95				Whole Body
PHOS	2.07	mmol/L	0.81-2.2				Kidney
Ca×P	66	mg/dL					
Mg	1.12	↑ mmol/L	0.6-1.09				

Clinical Significance

BUN	Elevated levels: ① Pre-renal: dehydration, high-protein diet, gastrointestinal bleeding, shock, hypoalbuminemia; ② Renal: acute/chronic interstitial nephritis, acute renal tubular necrosis, chronic renal failure, chronic glomerulonephritis, amyloidosis, pyelonephritis, tumors; ③ Post-renal: urinary tract obstruction (stones, tumors, prostatic diseases, feline lower urinary tract disease), bladder rupture.
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.
Mg	Elevated levels: ① Hemolysis; ② Renal failure; ③ Hepatic disease; ④ Diabetic coma; ⑤ Hypothyroidism; ⑥ Obstructive uropathy; ⑦ Adrenocortical insufficiency.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Marian Grace Wanagen

Date Reported: 14/08/2026

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

