

Pet Doctors Veterinary Supplies and Services
Immunoassay Test Report

Pet Name: CHOKOY

Owner Name: Adelfa Vikingstad

Species: Canine

Gender: Male

Age: 9Year

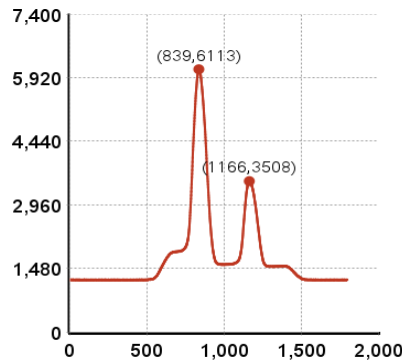
Patient or Visit No.:

Sample ID: 202609060001

Time Tested: 06/09/2026 19:39:49

Test Result

Test	Result	Unit	Reference Range
SDMA	24.73 Abnormal	µg/dL	≤14 µg/dL Normal 14-19 µg/dL Suspected >19 µg/dL Abnormal



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. Mikaela Rabino

Date Reported: 07/09/2026

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

Hospital Email: pdvc.calasiao@gmail.com



Pet Doctors Veterinary Supplies and Services

Chemistry Test Report

Pet Name: Chokoy
Gender: Male
Sample ID: 2609060001

Owner Name: Adelfa Vikingstad
Age: 9 Years
Sample Type: Serum

Species: Canine
Patient or Visit No.:
Time Tested: 06/09/2026 19:14:30

Test Panel: Comprehensive 24 Profile

Test	Result	Unit	Reference Range	Low	Normal	High	
TP	69.8	g/L	52-82				Whole Body
ALB	19.3 ↓	g/L	22-44				Liver, Kidney
GLOB	50.5	g/L	20-52				Whole Body
ALB/GLOB	0.4						Calculated value
TBIL	7.43	umol/L	2-15				Whole Body, Liver
GGT	2.3	U/L	0-7				Liver
AST	30	U/L	8.9-55				Liver
ALT	35	U/L	10-140				Liver
AST/ALT	0.86						Calculated value
ALP	51	U/L	20-150				Liver
TBA	22.6 ↑	umol/L	0-20				Liver, Gallbladder
AMYL	1419	U/L	200-1800				Pancreas
CK	87	U/L	20-200				Myocardium, Skeletal muscle
CREA	343 ↑	umol/L	27-149				Kidney
BUN	23.9 ↑	mmol/L	2.5-11.5				Kidney
BUN/CREA	17						Calculated value
GLU	4.83	mmol/L	3.89-7.95				Whole Body
CHOL	3.98	mmol/L	2.84-8.26				Whole Body
TRIG	0.71	mmol/L	0.1-0.9				
tCO2	14	mmol/L	12-27				Whole Body
Ca	2.32	mmol/L	1.98-2.95				Whole Body
PHOS	1.92	mmol/L	0.81-2.2				Kidney
Ca×P	55	mg/dL					
Mg	1.02	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.
TBA	Elevated levels: ① Significantly elevated in acute hepatitis; ② Chronic hepatitis, cirrhosis, liver cancer; ③ Congenital or acquired portosystemic shunts; ④ Cholestasis: biliary disease, acute and chronic biliary obstruction.
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.
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.

Veterinary Technician: not specified

Attending Veterinarian: Dr. Mikaela Rabino

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