

HELPLINE NO. 011-66-448-448



Patient's Name		Owner's Name		Species / Breed	Canine / Pomeranian
Sample UID	283200	Sex	Male	Date of Receipt	12/May/2024
Lab Number		Age	10 Y	Date of Sample	12/May/2024
Referred By	The Pets Vet	Date of Analysis	12/May/2024	Report Date	12/May/2024

Parameters	Finding	Unit	Normal Value	Diagnostic Interpretation
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**KIDNEY FUNCTION TEST**

Blood Urea (Urease, UV)	21.10	mg/dl	18.8 - 55.4
BUN	9.86	mg/dl	8.8 - 25.9
Creatinine	0.90	mg/dl	0.5 - 1.6
Uric acid (Uricase, UV)	0.20	mg/dl	0 - 2
Calcium (Arsenazo)	10.80	mg/dl	8.7 - 11.8
Phosphorus (Phosphomolybdate)	3.09	mg/dl	3.0 - 6.2
Sodium (ION-Selective Electrode)	145.60	mEq/l	140.3 - 153.9
Potassium (ION-Selective Electrode)	4.40	mEq/l	3.8-5.6
Chloride (ION-Selective Electrode)	110.00	mEq/l	102 - 117

**Note:**

**Urea** — **increases** may be seen with decreased kidney function, dehydration, heart disease, shock or urinary obstruction, a high protein diet; **Creatinine** — increases may be seen with decreased kidney function and other conditions as noted with BUN, but is not affected by a recent high protein diet;

**Renal stage based on Creatinine value-**

Stage Renal	Azotemia	Dogs	Cats
1	Nonazotemic	<1.4	<1.6
2	Mild	1.4	2.0
3	Moderate	2.1–5.0	2.9–5.0
4	Severe	>5.0	>5.0

**Ca+ increases** may be seen in kidney disease, certain cancer types, certain toxicities and parathyroid disease; **Decreases** may be seen with certain parathyroid diseases and with low albumin; **Phosphorus Elevations** are seen with decreased kidney functions, increased intake through the gastrointestinal tract and increased release from injured tissues; increases in growing puppies and kittens can be normal. **Na+ (sodium)** — **increases** may indicate dehydration; **K+ (potassium)** — **increases** may indicate kidney disease due to decreased excretion, with Addison's disease, dehydration and kidney obstruction; **Cl- (chloride)** — **increases** may indicate dehydration; **Na+, K+, Cl- Decreases** may be with loss during diarrhea or vomiting.

\*\*\* End Of Report \*\*\*

**Central Lab :**

Above mentioned findings are professional opinion and not a final diagnosis. All laboratory tests and other investigations result are to be co-related clinico pathologically, discrepancies, if any contact lab for review / repeat of the test. Not for retro legal cases