

ALEX EL MARGOUSHY

PET OWNER: **MOHAMED EL MARGOUSHY**
 SPECIES: Canine
 BREED: Beagle
 GENDER: Male Entire
 AGE: 9 Years
 PATIENT ID:

Dr. Paws Hospital
 1st Settlement, New Cairo., Al Farouk Mall,Al
 Banafsag 10
 Cairo, Egypt 11865
 +201008886446 /+201117873666
 ACCOUNT #:
 ATTENDING VET: **Nadia Essam**

LAB ID:
 ORDER ID:
 DATE OF RECEIPT: **29/1/2026**
 DATE OF RESULT: **29/1/2026**

IDEXX Services: **Catalyst One Chemistry Analyser**

Chemistry



29/1/2026 **6:34 pm**

TEST	RESULT	REFERENCE VALUE	
IDEXX SDMA	^a 2	0 - 14 µg/dL	
Creatinine	0.7	0.5 - 1.8 mg/dL	
Urea	4	7 - 27 mg/dL	L
BUN: Creatinine Ratio	6		
ALT	67	10 - 125 U/L	
AST	33	0 - 50 U/L	
ALP	132	23 - 212 U/L	

^a SDMA:

SDMA and CREA within reference interval: impairment of GFR is unlikely.
 Recommended next step: evaluate complete urinalysis.

Endocrinology



29/1/2026 **6:34 pm**

TEST	RESULT	REFERENCE VALUE	
Total T4	^a 2.7	1.0 - 4.0 µg/dL	

^a Diagnostic Interpretation for TT4

< 1.0 µg/dL Low
 1.0 - 2.0 µg/dL Low Normal
 1.0 - 4.0 µg/dL Normal
 > 4.0 µg/dL High
 2.1 - 5.4 µg/dL Therapeutic
 Dogs with no clinical signs of hypothyroidism and results within the normal reference range are likely euthyroid. Dogs with low T4 concentrations may be hypothyroid or "euthyroid sick". Occasionally, hypothyroid dogs can have T4 concentrations that are low normal. Dogs with clinical signs of hypothyroidism and low or low normal T4 concentrations may be evaluated further by submission of freeT4 (fT4) and canine TSH. A high T4 concentration in a clinically normal dog is likely a variation of normal; however elevations may occur secondary to thyroid auto antibodies or rarely thyroid neoplasia. For dogs on thyroid supplement, acceptable 4-6 hour post pill total T4 concentrations generally fall within the higher end or slightly above the reference range.