

# NANNAH Test report



Patient:	NANNAH	Species:	Canine	Patient ID:	2505261
Client:	NACARIO	Gender:	Female	Age:	Elderly 14Y

## AI Aided Diag. Explan.

It is recommended to add symmetric dimethylarginine (SDMA), urinary protein to creatinine ratio (UPC), urinary specific gravity (SG), and imaging examinations to identify the cause and grading of renal dysfunction, based on clinical manifestations and medical history.

Please evaluate the severity of anemia based on clinical manifestations and medical history. It is recommended to add an RET test and a blood smear test to assess white blood cell and red blood cell morphology. At the same time, tests of liver and kidney panels, electrolytes, and protein level should be added to assess overall health status and potential metabolic abnormalities. If necessary, screening for infectious diseases such as feline leukemia virus, feline immunodeficiency virus, canine distemper virus, babesiosis, etc. should be carried out based on clinical symptoms and regional characteristics.

Note: Due to the complexity and individuality of disease diagnosis, the report interpretation is only for your reference. Please consult your doctors for clinical diagnosis results.  
The results only applies to this test sample.

Time of Printing:2025-06-26 15:24:33



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# Biochemistry test report



Patient:	NANNAH	Species:	Canine	Patient ID:	2505261
Client:	NACARIO	Gender:	Female	Sample No.:	10
Doctor:		Age:	Elderly 14Y	Time of analysis:	2025/06/26 13:11

Item		Current result		Ref. Ranges		2025/06/21
Kidneys	BUN	↑	42.15	mmol/L	2.50-9.77	42.79
Kidneys	CREA	↑	302.20	μmol/L	20.00-123.70	313.20
Kidneys	BUN/CREA		34.5			33.8
Energy metabolism	GLU	↑	7.54	mmol/L	3.80-7.50	5.19
Minerals	Ca		2.63	mmol/L	2.10-2.97	2.55
Minerals	PHOS	↑	2.22	mmol/L	0.80-2.20	3.13
Minerals	CaxP		5.84	mmol/L <sup>2</sup>		7.98
Minerals	Mg		0.82	mmol/L	0.61-1.06	0.88
Electrolytes	tCO2		17.55	mmol/L	13.14-25.13	24.30
Electrolytes	Na+		143.4	mmol/L	138.0-160.0	151.1
Electrolytes	K+		4.6	mmol/L	3.5-5.9	5.6
Electrolytes	Na/K		31.4			26.8
Electrolytes	Cl-	↑	129.9	mmol/L	102.7-125.0	134.0

Operator:

Electrolyte Panel		QC QC OK	
HEM(Hemolysis degree):	0	LIP(Lipemia degree):	0
		ICT(Jaundice degree):	0



## Report Explan.

BUN



Increase is commonly associated with high protein diet, gastrointestinal bleeding, nephropathy, and urinary obstruction, etc. Reduction is commonly associated with insufficient protein intake and liver failure, etc.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

GLU



Increase is commonly associated with diabetes and hypercorticalismus, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

PHOS



Increase is commonly associated with nephropathy, bone healing period, and hyperthyroidism. Decreased in hyperparathyroidism, tumor, etc.

Cl-



Increase is commonly associated with salt intoxication, hypertonic NaCl solution rehydration, small intestinal diarrhea, etc. Reduction is commonly associated with vomiting, diuretic therapy, etc.

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Test Instrument: Mindray vetXpert C5 Time of Printing: 2025-06-26 15:24:35



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# Hematology Analysis Report



Patient:	NANNAH	Species:	Canine	Patient ID:	2505261
Client:	NACARIO	Gender:	Female	Sample No.:	10
Doctor:		Age:	14Years	Time of analysis:	2025/06/26 12:47

Para.		Current result		Ref. Ranges		2025/06/21
WBC Para.	WBC	L	5.24 10 <sup>9</sup> /L	5.32-16.92		28.47
	Neu#		3.13 10 <sup>9</sup> /L	3.05-12.10		27.62
	Lym#		0.90 10 <sup>9</sup> /L	0.70-4.95		0.43
	Mon#		1.13 10 <sup>9</sup> /L	0.20-1.38		0.34
	Eos#		0.08 10 <sup>9</sup> /L	0.04-1.28		0.06
	Bas#		0.01 10 <sup>9</sup> /L	0.00-0.13		0.03
	Neu%		0.597	0.420-0.840		0.970
	Lym%		0.172	0.060-0.400		0.015
	Mon%	H	0.215	0.025-0.120		0.012
	Eos%		0.015	0.003-0.110		0.002
	Bas%		0.001	0.000-0.010		0.001
RBC Para.	RBC	L	3.68 10 <sup>12</sup> /L	5.20-8.69		3.16
	HGB	L	88 g/L	115-201		74
	HCT	L	0.254	0.350-0.600		0.232
	MCV		69.1 fL	60.0-77.5		73.5
	MCH		23.8 pg	20.0-27.0		23.4
	MCHC		346 g/L	300-380		319
	RDW-CV		0.149	0.113-0.189		0.148
	RDW-SD		39.4 fL	29.1-55.1		41.7
PLT Para.	PLT	H	610 10 <sup>9</sup> /L	140-520		422
	MPV		8.6 fL	7.6-16.1		7.4
	PDW		15.9	13.8-17.9		15.5
	PCT		5.26 mL/L	1.20-7.00		3.12
	P-LCC		84 10 <sup>9</sup> /L	25-180		31
	P-LCR		0.138	0.100-0.570		0.074
	IPF		1.4 %	0.4-17.1		1.3
RET Para.	RET#		50.8 10 <sup>9</sup> /L	9.0-115.0		61.9
	RET%		1.38 %	0.16-1.95		1.96
	IRF		3.4 %	0.0-45.1		0.2
	LFR		96.6 %	56.0-100.0		99.8
	MFR		3.4 %	0.0-26.0		0.2
	HFR		0.0 %	0.0-22.0		0.0
	RHE		22.2 pg	20.0-28.3		21.9

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-06-26 15:24:37



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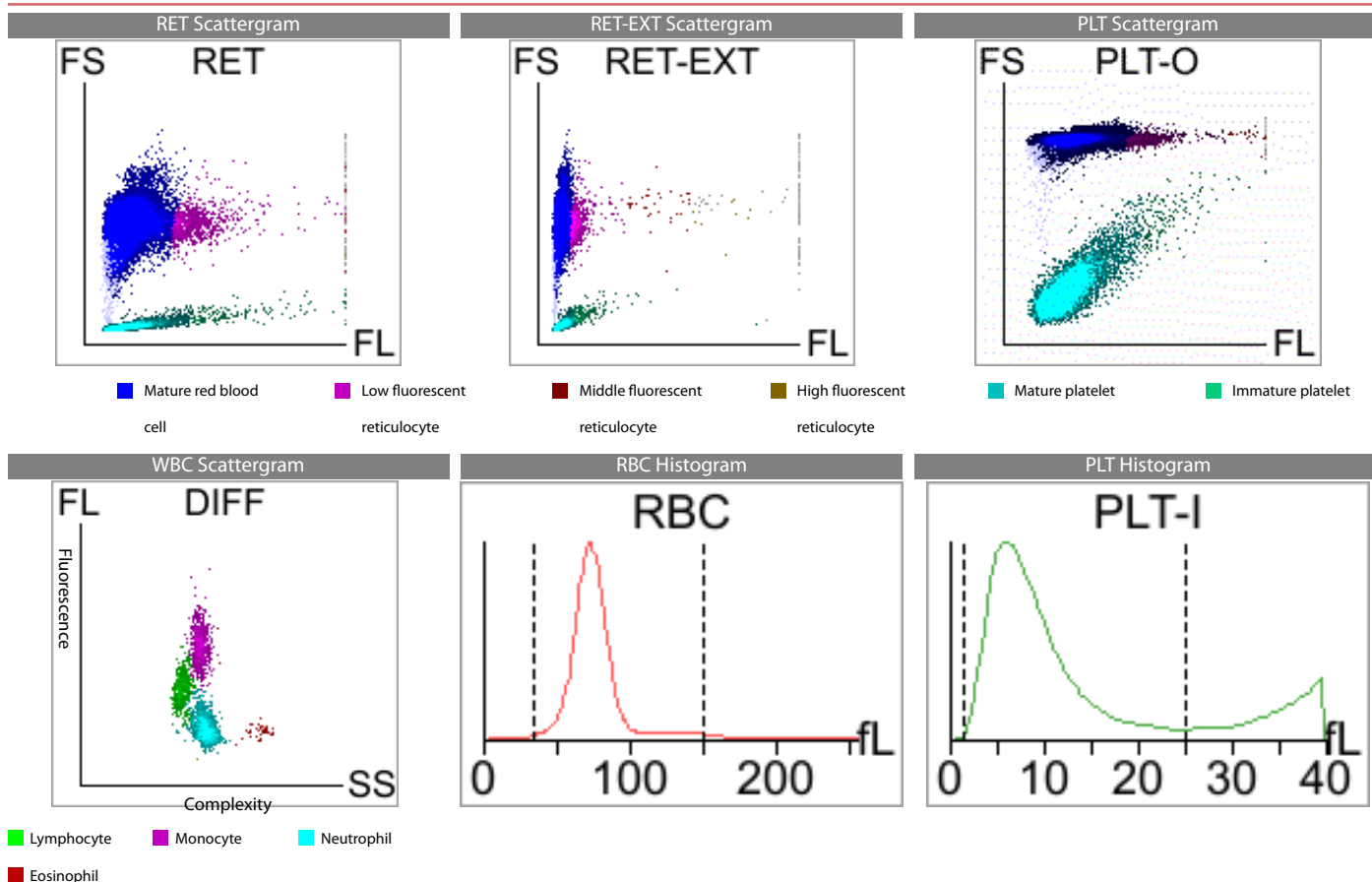


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Doctor:		Age:	14Years	Time of analysis:	2025/06/26 12:47

Operator:



**Diagnosis implications:**

**Anemia**

**Band cell suspected**

## Report Explan.

### Anemia

It occurs in anemia caused by various reasons, such as insufficient hematopoietic materials, hematopoietic dysfunction, excessive destruction of RBC, or blood loss

### Band cell suspected

Possible presence of band cells and/or toxic neutrophils, and it occurs in infection and inflammation

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