

NYCO Test report



Patient:	NYCO	Species:	Canine	Patient ID:	260208001
Client:	REJAS	Gender:	Male	Age:	6Y

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:2026-02-13 12:24:47



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Biochemistry test report



Patient: NYCO Species: Canine Patient ID: 260208001
 Client: REJAS Gender: Male Sample No.: 02
 Doctor: Age: 6Y Time of analysis: 2026/02/12 10:59

Item	Current result	Ref. Ranges	2026/02/10
Protein TP	65.9 g/L	53.1-79.2	71.3
Protein ALB	27.0 g/L	23.4-40.0	30.7
Protein GLOB	38.8 g/L	25.4-52.0	40.6
Protein A/G	0.7		0.8
Kidneys BUN	↑ 54.07 mmol/L	2.50-9.77	>65.00
Kidneys CREA	↑ 709.60 μmol/L	20.00-123.70	1048.00
Kidneys BUN/CREA	18.9		****
Minerals Ca	2.65 mmol/L	2.10-2.97	2.08
Minerals PHOS	↑ 3.90 mmol/L	0.80-2.20	5.29
Minerals CaxP	10.32 mmol/L ²		11.02
Electrolytes Na+	155.9 mmol/L	138.0-160.0	151.2
Electrolytes K+	5.2 mmol/L	3.5-5.9	4.7
Electrolytes Na/K	29.9		32.2
Electrolytes Cl-	119.3 mmol/L	102.7-125.0	113.8

Operator:

Kidney Recheck Panel

QC QC OK

HEM(Hemolysis degree): 0 LIP(Lipemia degree): 0 ICT(Jaundice degree): 0



Report Explain.

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.

PHOS ↑

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

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Test Instrument: Mindray vetXpert C5 Time of Printing: 2026-02-13 12:24:49



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Hematology Analysis Report

Patient: NYCO Species: Canine Patient ID: 260208001
 Client: REJAS Gender: Male Sample No.: 02
 Doctor: ROLANDO TIBON JR. Age: 6Years Time of analysis: 2026/02/12 10:33

Para.	Current result	Ref. Ranges	2026/02/10
WBC	11.56 10 ⁹ /L	5.32-16.92	17.45
Neu#	10.18 10 ⁹ /L	3.05-12.10	15.98
Lym# L	0.34 10 ⁹ /L	0.70-4.95	0.47
Mon#	0.84 10 ⁹ /L	0.20-1.38	0.98
Eos#	0.20 10 ⁹ /L	0.04-1.28	0.02
Bas#	0.00 10 ⁹ /L	0.00-0.13	0.00
Neu% H	0.881	0.420-0.840	0.916
Lym% L	0.029	0.060-0.400	0.027
Mon%	0.073	0.025-0.120	0.056
Eos%	0.017	0.003-0.110	0.001
Bas%	0.000	0.000-0.010	0.000
RBC L	2.53 10 ¹² /L	5.20-8.69	2.72
HGB L	67 g/L	115-201	71
HCT L	0.198	0.350-0.600	0.204
MCV H	78.2 fL	60.0-77.5	75.0
MCH	26.6 pg	20.0-27.0	26.3
MCHC	338 g/L	300-380	348
RDW-CV	0.113	0.113-0.189	0.112
RDW-SD	33.6 fL	29.1-55.1	32.0
PLT L	118 10 ⁹ /L	140-520	123
MPV	11.1 fL	7.6-16.1	10.8
PDW	16.6	13.8-17.9	16.5
PCT	1.32 mL/L	1.20-7.00	1.33
P-LCC	30 10 ⁹ /L	25-180	32
P-LCR	0.254	0.100-0.570	0.262
IPF	1.3 %	0.4-17.1	1.0
RET#	23.5 10 ⁹ /L	9.0-115.0	6.5
RET%	0.93 %	0.16-1.95	0.24
IRF	13.1 %	0.0-45.1	12.8
LFR	86.9 %	56.0-100.0	87.2
MFR	12.9 %	0.0-26.0	12.8
HFR	0.2 %	0.0-22.0	0.0
RHE	24.4 pg	20.0-28.3	22.5

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2026-02-13 12:24:51



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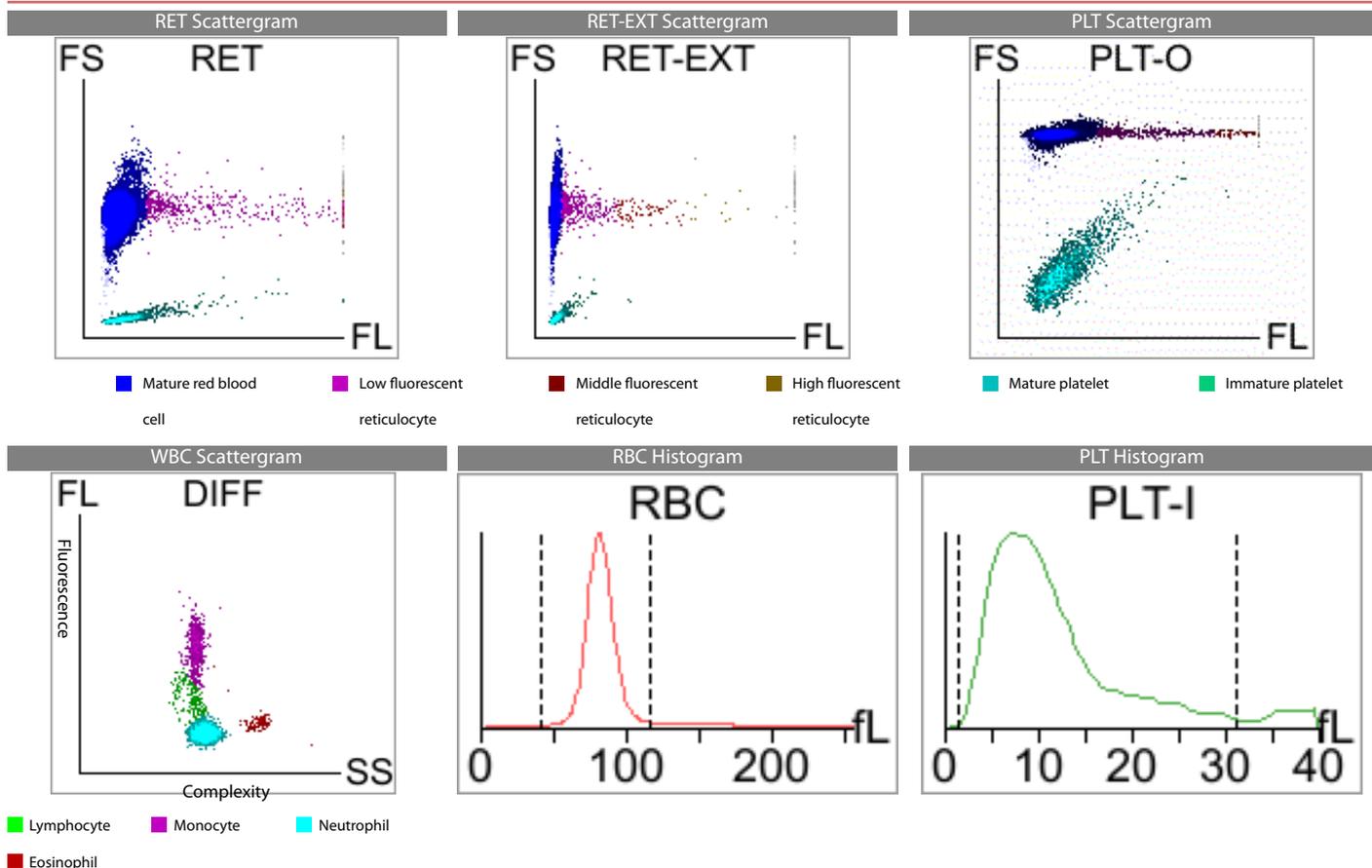
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Hematology Analysis Report

Patient:	NYCO	Species:	Canine	Patient ID:	260208001
Client:	REJAS	Gender:	Male	Sample No.:	02
Doctor:	ROLANDO TIBON JR.	Age:	6Years	Time of analysis:	2026/02/12 10:33

Operator:



Diagnosis implications: Anemia

Lymphopenia

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

Lymphopenia

It occurs in stress response or corticosteroid response, viral diseases (such as parvovirus), drug treatment (such as chemotherapy drugs and long-term use of corticosteroid), and lymphoid fluid loss (chylothorax and lymphangiectasia)

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