

Biochemistry test report



Patient:	ANDRE	Species:	Canine	Patient ID:	250626234
Client:	ESTRELLANES	Gender:	Male	Sample No.:	08
Doctor:		Age:	8Y	Time of analysis:	2025/06/26 12:31

Item		Current result		Ref. Ranges	
Protein	TP	71.1	g/L	53.1-79.2	
Protein	ALB	31.0	g/L	23.4-40.0	
Protein	GLOB	40.1	g/L	25.4-52.0	
Protein	A/G	0.8			
Liver and gallbladder	ALT	34.5	U/L	10.1-100.3	
Liver and gallbladder	AST	26.7	U/L	0.0-51.7	
Liver and gallbladder	AST/ALT	0.77			
Liver and gallbladder	ALP	33.6	U/L	15.5-212.0	
Liver and gallbladder	GGT	2.1	U/L	0.0-15.9	
Liver and gallbladder	TBIL	H- <1.70	μmol/L	0.00-15.00	
Liver and gallbladder	TBA	<1.0	μmol/L	0.0-30.0	
Pancreas	AMY	↑ 1703.0	U/L	397.7-1285.1	
Kidneys	BUN	9.56	mmol/L	2.50-9.77	
Kidneys	CREA	111.10	μmol/L	20.00-123.70	
Kidneys	BUN/CREA	21.3			
Cardiovasc./Muscle	CK	240.0	U/L	66.4-257.5	
Cardiovasc./Muscle	LDH	↑ H+ 237.2	U/L	0.0-143.6	
Energy metabolism	GLU	↓ 3.72	mmol/L	3.80-7.50	
Energy metabolism	TC	5.44	mmol/L	2.67-8.38	
Energy metabolism	TG	0.67	mmol/L	0.10-1.30	
Minerals	Ca	2.61	mmol/L	2.10-2.97	
Minerals	PHOS	1.12	mmol/L	0.80-2.20	
Minerals	CaxP	2.92	mmol/L^2		
Minerals	Mg	0.63	mmol/L	0.61-1.06	
Electrolytes	Na+	147.6	mmol/L	138.0-160.0	
Electrolytes	K+	4.1	mmol/L	3.5-5.9	
Electrolytes	Na/K	35.7			
Electrolytes	Cl-	↑ 131.7	mmol/L	102.7-125.0	

Operator:

Comprehensive Diagnosis Panel

QC QC OK

HEM(Hemolysis degree):	1+	LIP(Lipemia degree):	0	ICT(Jaundice degree):	0
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The results only applies to this test sample.

Test Instrument: Mindray vetXpert C5

Time of Printing: 2025-06-26 12:33:13



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Report Explan.

AMY



Increase is commonly associated with gastroenteritis, pancreatitis, pancreatic tumor, etc.

LDH



Increase is commonly associated with hemolysis (especially in canine), post-exercise, liver injury, exertional rhabdomyolysis, white muscle disease, myocardial injury, tumors, etc.

GLU



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

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.
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Hematology Analysis Report



Patient:	ANDRE	Species:	Canine	Patient ID:	250626234
Client:	ESTRELLANES	Gender:	Male	Sample No.:	04
Doctor:		Age:	8Years	Time of analysis:	2025/06/26 11:30

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	14.02	10 ⁹ /L	5.32-16.92	
	Neu#	11.52	10 ⁹ /L	3.05-12.10	
	Lym#	1.40	10 ⁹ /L	0.70-4.95	
	Mon#	0.62	10 ⁹ /L	0.20-1.38	
	Eos#	0.46	10 ⁹ /L	0.04-1.28	
	Bas#	0.01	10 ⁹ /L	0.00-0.13	
	Neu%	0.822		0.420-0.840	
	Lym%	0.100		0.060-0.400	
	Mon%	0.044		0.025-0.120	
	Eos%	0.033		0.003-0.110	
	Bas%	0.001		0.000-0.010	
RBC Para.	RBC	H 9.07	10 ¹² /L	5.20-8.69	
	HGB	H 206	g/L	115-201	
	HCT	H 0.629		0.350-0.600	
	MCV	69.3	fL	60.0-77.5	
	MCH	22.7	pg	20.0-27.0	
	MCHC	328	g/L	300-380	
	RDW-CV	0.147		0.113-0.189	
	RDW-SD	37.9	fL	29.1-55.1	
PLT Para.	PLT	206	10 ⁹ /L	140-520	
	MPV	12.3	fL	7.6-16.1	
	PDW	15.3		13.8-17.9	
	PCT	2.52	mL/L	1.20-7.00	
	P-LCC	80	10 ⁹ /L	25-180	
	P-LCR	0.386		0.100-0.570	
	IPF	2.5	%	0.4-17.1	
RET Para.	RET#	78.9	10 ⁹ /L	9.0-115.0	
	RET%	0.87	%	0.16-1.95	
	IRF	23.9	%	0.0-45.1	
	LFR	76.1	%	56.0-100.0	
	MFR	17.9	%	0.0-26.0	
	HFR	6.0	%	0.0-22.0	
	RHE	23.5	pg	20.0-28.3	

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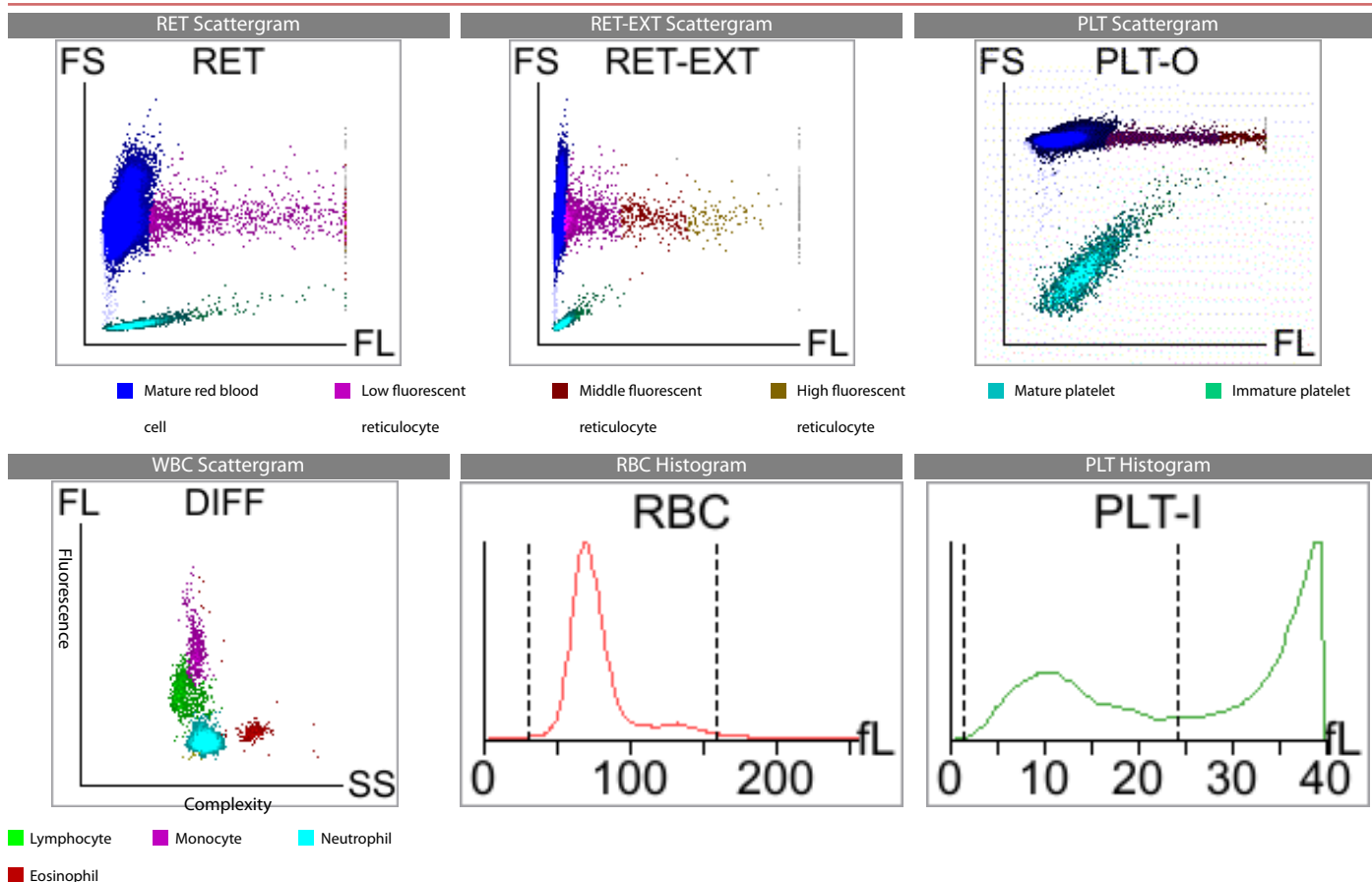


Hematology Analysis Report



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Client:	ESTRELLANES	Gender:	Male	Sample No.:	04
Doctor:		Age:	8Years	Time of analysis:	2025/06/26 11:30

Operator:



Diagnosis implications: Lipid Particles

Report Explan.

Lipid Particles

Possible presence of lipid particles, and it occurs in hyperlipidemia caused by obesity, excessive diet, abnormal lipid metabolism, lymphatic blockage, and treatment

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