

ARROW Test report



Patient:	ARROW	Species:	Canine	Patient ID:	250709982
Client:	ONG	Gender:	Male	Age:	Elderly

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.

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:2025-08-24 14:45:12



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Biochemistry test report



Patient:	ARROW	Species:	Canine	Patient ID:	250709982
Client:	ONG	Gender:	Male	Sample No.:	02
Doctor:		Age:	Elderly	Time of analysis:	2025/08/23 13:48

Item		Current result		Ref. Ranges		2025/07/09
Protein	TP	↑	95.8	g/L	53.1-79.2	98.0
Protein	ALB	↓	17.5	g/L	23.4-40.0	19.3
Protein	GLOB	↑	78.3	g/L	25.4-52.0	78.7
Protein	A/G		0.2			0.2
Liver and gallbladder	ALT		63.7	U/L	10.1-100.3	54.4
Liver and gallbladder	AST		41.3	U/L	0.0-51.7	36.2
Liver and gallbladder	AST/ALT		0.65			0.67
Liver and gallbladder	ALP	↓	13.8	U/L	15.5-212.0	16.2
Liver and gallbladder	GGT		<2.0	U/L	0.0-15.9	<2.0
Liver and gallbladder	TBIL		3.37	μmol/L	0.00-15.00	2.20
Liver and gallbladder	TBA		<1.0	μmol/L	0.0-30.0	<1.0
Pancreas	AMY	↑	1332.3	U/L	397.7-1285.1	1735.6
Kidneys	BUN	↑	33.10	mmol/L	2.50-9.77	19.61
Kidneys	CREA	↑	129.80	μmol/L	20.00-123.70	91.50
Kidneys	BUN/CREA		63.1			53.1
Cardiovasc./Muscle	CK		224.2	U/L	66.4-257.5	76.1
Cardiovasc./Muscle	LDH		37.2	U/L	0.0-143.6	49.4
Energy metabolism	GLU	↑	8.07	mmol/L	3.80-7.50	6.22
Energy metabolism	TC		5.30	mmol/L	2.67-8.38	5.45
Energy metabolism	TG		0.80	mmol/L	0.10-1.30	0.77
Minerals	Ca		2.30	mmol/L	2.10-2.97	2.47
Minerals	PHOS		1.57	mmol/L	0.80-2.20	1.40
Minerals	CaxP		3.60	mmol/L^2		3.46
Minerals	Mg	↑	1.11	mmol/L	0.53-1.06	0.79
Electrolytes	Na+		144.0	mmol/L	138.0-160.0	130.2
Electrolytes	K+		4.2	mmol/L	3.5-5.9	4.5
Electrolytes	Na/K		34.5			29.0
Electrolytes	Cl-		120.1	mmol/L	102.7-125.0	128.7

Operator:

Comprehensive Diagnosis Panel

QC QC OK

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

The results only applies to this test sample. Test Instrument:Mindray vetXpert C5 Time of Printing:2025-08-24 14:45:14



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Biochemistry test report



Patient:	ARROW	Species:	Canine	Patient ID:	250709982
Client:	ONG	Gender:	Male	Sample No.:	02
Doctor:		Age:	Elderly	Time of analysis:	2025/08/23 13:48



Report Explan.

TP



Increase is commonly associated with dehydration and increased globulin. Reduction is commonly associated with blood loss, protein-losing enteropathy, and decreased albumin.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

ALP



Increase is commonly associated with fracture healing period, hepatobiliary diseases, hyperthyroidism, and osteosarcoma, etc.

AMY



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

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

Mg



Increase is commonly associated with nephropathy, hypoadrenocorticism, hypocalcemia, and muscle injury, etc. Reduction is commonly associated with gastrointestinal malabsorption, nephropathy, and hyperthyroidism, etc.

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Hematology Analysis Report



Patient:	ARROW	Species:	Canine	Patient ID:	250709982
Client:	ONG	Gender:	Male	Sample No.:	02
Doctor:	DEXTER DALE M. ZACAL	Age:		Time of analysis:	2025/08/23 13:19

Para.		Current result		Ref. Ranges		2025/07/09
WBC Para.	WBC	13.45	10 ⁹ /L	5.32-16.92		7.77
	Neu#	11.32	10 ⁹ /L	3.05-12.10		4.51
	Lym#	1.28	10 ⁹ /L	0.70-4.95		2.42
	Mon#	0.81	10 ⁹ /L	0.20-1.38		0.61
	Eos#	0.04	10 ⁹ /L	0.04-1.28		0.23
	Bas#	0.00	10 ⁹ /L	0.00-0.13		0.00
	Neu%	H 0.842		0.420-0.840		0.581
	Lym%	0.095		0.060-0.400		0.312
	Mon%	0.060		0.025-0.120		0.078
	Eos%	0.003		0.003-0.110		0.029
	Bas%	0.000		0.000-0.010		0.000
RBC Para.	RBC	L 5.17	10 ¹² /L	5.20-8.69		5.50
	HGB	L 108	g/L	115-201		121
	HCT	L 0.327		0.350-0.600		0.355
	MCV	63.3	fL	60.0-77.5		64.5
	MCH	20.9	pg	20.0-27.0		22.0
	MCHC	330	g/L	300-380		341
	RDW-CV	0.130		0.113-0.189		0.137
	RDW-SD	31.1	fL	29.1-55.1		33.2
PLT Para.	PLT	247	10 ⁹ /L	140-520		228
	MPV	11.1	fL	7.6-16.1		11.7
	PDW	15.7		13.8-17.9		15.7
	PCT	2.74	mL/L	1.20-7.00		2.66
	P-LCC	70	10 ⁹ /L	25-180		75
	P-LCR	0.283		0.100-0.570		0.327
	IPF	1.3	%	0.4-17.1		2.4
RET Para.	RET#	12.4	10 ⁹ /L	9.0-115.0		45.6
	RET%	0.24	%	0.16-1.95		0.83
	IRF	3.7	%	0.0-45.1		18.1
	LFR	96.3	%	56.0-100.0		81.9
	MFR	3.7	%	0.0-26.0		16.6
	HFR	0.0	%	0.0-22.0		1.5
	RHE	20.7	pg	20.0-28.3		21.9

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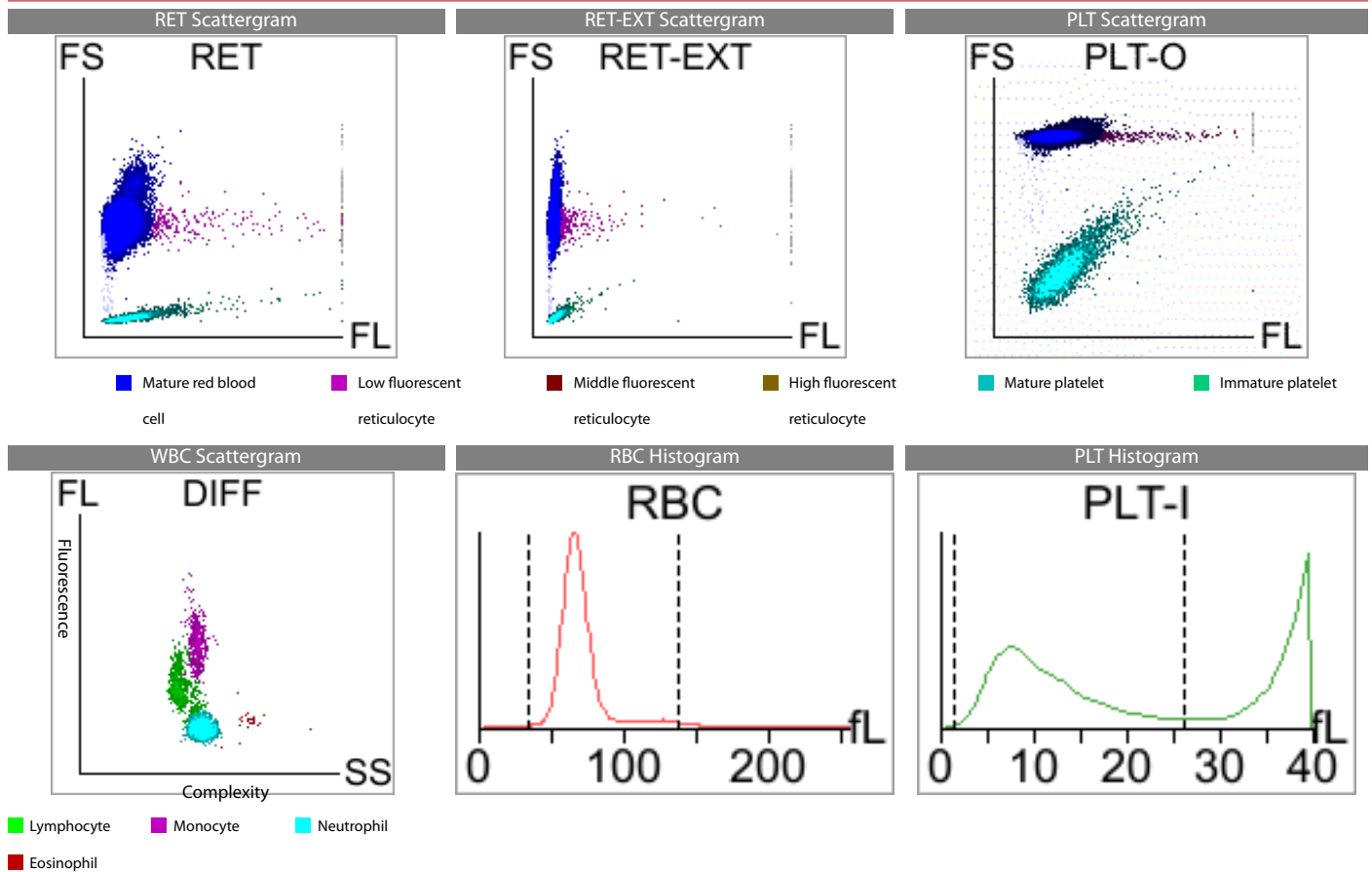


Hematology Analysis Report



Patient:	ARROW	Species:	Canine	Patient ID:	250709982
Client:	ONG	Gender:	Male	Sample No.:	02
Doctor:	DEXTER DALE M. ZACAL	Age:		Time of analysis:	2025/08/23 13:19

Operator:



Diagnosis implications:

No obvious abnormality is found.
Regular physical examination is recommended

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