

Hematology Analysis Report



Patient:	FRANZ	Species:	Canine	Patient ID:	118393
Client:	CRISTY FRANCISCO	Gender:	Male	Sample No.:	2
Doctor:		Age:	8Years	Time of analysis:	2025/05/06 10:24

Para.		Current result		Ref. Ranges	
WBC Para.	WBC	H	47.92 10 ³ /uL	5.32-16.92	
	Neu#	H	35.08 10 ³ /uL	3.05-12.10	
	Lym#	H	7.67 10 ³ /uL	0.70-4.95	
	Mon#	H	3.79 10 ³ /uL	0.20-1.38	
	Eos#	H	1.34 10 ³ /uL	0.04-1.28	
	Bas#		0.05 10 ³ /uL	0.00-0.13	
	Neu%		73.2 %	42.0-84.0	
	Lym%		16.0 %	6.0-40.0	
	Mon%		7.9 %	2.5-12.0	
	Eos%		2.8 %	0.3-11.0	
	Bas%		0.1 %	0.0-1.0	
RBC Para.	RBC	L	1.43 10 ⁶ /uL	5.20-8.69	
	HGB	L	1.6 g/dL	11.5-20.1	
	HCT	L	6.4 %	35.0-60.0	
	MCV	L	45.1 fL	60.0-77.5	
	MCH	L	11.2 pg	20.0-27.0	
	MCHC	L	25.0 g/dL	30.0-38.0	
	RDW-CV	H	26.3 %	11.3-18.9	
	RDW-SD		45.2 fL	29.1-55.1	
PLT Para.	PLT		438 10 ³ /uL	140-520	
	MPV		9.6 fL	7.6-16.1	
	PDW		15.2	13.8-17.9	
	PCT		0.420 %	0.120-0.700	
	P-LCC		92 10 ³ /uL	25-180	
	P-LCR		21.1 %	10.0-57.0	
	IPF		9.8 %	0.4-17.1	
RET Para.	RET#	RH	176.00 10 ³ /uL	9.00-115.00	
	RET%	RH	12.31 %	0.16-1.95	
	IRF	RH	51.0 %	0.0-45.1	
	LFR	RL	49.0 %	56.0-100.0	
	MFR	RH	32.7 %	0.0-26.0	
	HFR	R	18.3 %	0.0-22.0	
	RHE	RL	13.6 pg	20.0-28.3	

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-05-06 10:30:35



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Operator:



Diagnosis implications:

Anemia

Leucocytosis

Monocytosis

Microcytosis

Neutrophilia

Band cell suspected

Low MCHC Alert

Lymphocytosis

RET Scattergram Abn.

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

Microcytosis

It occurs in particular animal breed (such as Akita dog, Shar-Pei dog, and Shiba Inu), iron deficiency anemia, sideroblastic anemia, portal vein shunt, and hereditary erythropoiesis disorder (such as English Springer Spaniel)

Low MCHC Alert

It occurs in iron deficiency anemia, regenerative anemia, vitamin B6 deficiency, copper deficiency, lead poisoning, and hereditary stomatocytosis

Leucocytosis

It occurs in bacterial infection, burn, post-operation, malignant tumor, leukemia, etc

Neutrophilia

It occurs in stress response or corticosteroid response, inflammation, granulocytic leukemia, and immune-mediated diseases

Lymphocytosis

It occurs in juvenile animals, reactions after vaccination, infections (such as ehrlichia), chronic enteritis/ cholangitis, tumors (such as lymphocytic leukemia, lymphoma, thymoma), hypofunction of adrenal cortex, etc

Monocytosis

It occurs in stress response or corticosteroid response, bacterial/fungal/protozoal infections, immune-mediated diseases, paraneoplastic reactions (such as lymphoma), monocytic leukemia, etc

Band cell suspected

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

RET Scattergram Abn.

The RET scattergram may be abnormal due to immature PLT, WBC fragments, and, microcytosis

PLT Scattergram Abn.

The PLT scattergram may be abnormal due to giant PLT, large PLT, WBC fragments, and, PLT clump

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.

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