

Client: CHING, CHRISTIAN (108060) Gender: Male
 Patient Name: AKI Weight:
 Species: Canine Age: 3 Years
 Breed: Siberian Husky Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH
ProCyte Dx (March 5, 2024 1:21 PM)					
					2/12/22 1:26 PM
RBC	5.64 M/ μ L	5.65 - 8.87	LOW		1.83 M/ μ L
HCT	24.5 %	37.3 - 61.7	LOW		12.8 %
HGB	7.2 g/dL	13.1 - 20.5	LOW		4.4 g/dL
MCV	43.4 fL	61.6 - 73.5	LOW		69.9 fL
MCH	12.8 pg	21.2 - 25.9	LOW		24.0 pg
MCHC	29.4 g/dL	32.0 - 37.9	LOW		34.4 g/dL
RDW	25.8 %	13.6 - 21.7	HIGH		21.7 %
%RETIC	0.2 %				0.9 %
RETIC	12.4 K/ μ L	10.0 - 110.0			15.7 K/ μ L
RETIC-HGB	14.5 pg	22.3 - 29.6	LOW		21.2 pg
WBC	* 21.60 K/ μ L	5.05 - 16.76	HIGH		0.60 K/ μ L
%NEU	* 96.2 %				* 53.3 %
%LYM	* 2.2 %				* 26.7 %
%MONO	* 1.5 %				* 16.7 %
%EOS	* 0.0 %				3.3 %
%BASO	* 0.1 %				0.0 %
NEU	* 20.76 K/ μ L	2.95 - 11.64	HIGH		* 0.32 K/ μ L
LYM	* 0.47 K/ μ L	1.05 - 5.10	LOW		* 0.16 K/ μ L
MONO	* 0.33 K/ μ L	0.16 - 1.12			* 0.10 K/ μ L
EOS	* 0.01 K/ μ L	0.06 - 1.23	LOW		0.02 K/ μ L
BASO	* 0.03 K/ μ L	0.00 - 0.10			0.00 K/ μ L
nRBC	* Suspected				
PLT	* 194 K/ μ L	148 - 484			* 0 K/ μ L
MPV	17.2 fL	8.7 - 13.2	HIGH		13.9 fL
PDW	-- fL	9.1 - 19.4			-- fL
PCT	0.33 %	0.14 - 0.46			0.00 %

* Confirm with dot plot and/or blood film review.

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1. Anemia without reticulocytosis - Likely non-regenerative anemia; consider pre-regenerative anemia.
2. Increased RDW - Anisocytosis present - review blood film.
3. Microcytic hypochromic anemia - Likely iron-deficiency anemia.
4. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).