

Client: RIVERA, RICARDO (112988) Gender: Male
 Patient Name: KIKO Weight:
 Species: Canine Age: 13 Years
 Breed: Other Doctor:

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
ProCyte Dx (September 23, 2024 3:03 PM)						6/11/24 4:43 PM
RBC	7.77 M/ μ L	5.65 - 8.87				7.37 M/ μ L
HCT	47.3 %	37.3 - 61.7				44.9 %
HGB	15.9 g/dL	13.1 - 20.5				15.1 g/dL
MCV	60.9 fL	61.6 - 73.5	LOW			60.9 fL
MCH	20.5 pg	21.2 - 25.9	LOW			20.5 pg
MCHC	33.6 g/dL	32.0 - 37.9				33.6 g/dL
RDW	19.6 %	13.6 - 21.7				19.1 %
%RETIC	0.5 %					1.0 %
RETIC	41.2 K/ μ L	10.0 - 110.0				70.8 K/ μ L
RETIC-HGB	19.8 pg	22.3 - 29.6	LOW			18.7 pg
WBC	9.77 K/ μ L	5.05 - 16.76				* 9.23 K/ μ L
%NEU	80.5 %					* 65.0 %
%LYM	10.4 %					* 19.2 %
%MONO	4.0 %					* 3.3 %
%EOS	3.9 %					* 10.3 %
%BASO	1.2 %					* 2.2 %
NEU	7.86 K/ μ L	2.95 - 11.64				* 6.01 K/ μ L
LYM	1.02 K/ μ L	1.05 - 5.10	LOW			* 1.77 K/ μ L
MONO	0.39 K/ μ L	0.16 - 1.12				* 0.30 K/ μ L
EOS	0.38 K/ μ L	0.06 - 1.23				* 0.95 K/ μ L
BASO	0.12 K/ μ L	0.00 - 0.10			HIGH	* 0.20 K/ μ L
PLT	246 K/ μ L	148 - 484				230 K/ μ L
MPV	13.0 fL	8.7 - 13.2				13.8 fL
PDW	11.5 fL	9.1 - 19.4				14.3 fL
PCT	0.32 %	0.14 - 0.46				0.32 %

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

1. Low RETIC-HGB - Decreased iron availability (consider inflammation, iron deficiency, PSS, breed-related microcytosis).

1. Lymphopenia - Likely stress leukogram (glucocorticoid response).

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
Catalyst One (September 23, 2024 3:32 PM)						9/23/24 3:10 PM
SDMA	15 μ g/dL	0 - 14			HIGH	15 μ g/dL

SDMA:

SDMA is increased, no CREA result: likely impaired GFR and kidney function. Recommended next step: evaluation of other renal function tests, and complete urinalysis. For information on recommended actions visit: www.idexx.com/sdmaalgorithm.

Test	Results	Reference Interval	LOW	NORMAL	HIGH	
Catalyst One (September 23, 2024 3:10 PM)						6/11/24 4:47 PM
SDMA	15 μ g/dL	0 - 14			HIGH	
CREA	1.6 mg/dL	0.5 - 1.8				
BUN	31 mg/dL	7 - 27			HIGH	22 mg/dL
BUN/CREA	19					
ALT	52 U/L	10 - 125				
AST	33 U/L	0 - 50				
ALKP	36 U/L	23 - 212				

SDMA:

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Catalyst One (September 23, 2024 3:10 PM)					6/11/24 4:47 PM

SDMA is increased, CREA within reference interval: likely impaired GFR and kidney function.
Recommended next step: evaluate complete urinalysis. For information on recommended actions visit: www.idexx.com/sdmaalgorithm.