Reference Intervals for the IDEXX **ProCyte Dx*** Hematology Analyzer

(as of IDEXX VetLab* Station software version 5.01)

	Canine (all life stages)		Feline (all life stages)		Equine (all life stages)		Bovine (all life stages)		Ferret (all life stages)	
Parameter	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**
RBC	5.65 M/µL	8.87 M/µL	6.54 M/µL	12.20 M/µL	6.40 M/µL	10.40 M/µL	4.47 M/µL	9.35 M/µL	6.35 M/µL	11.20 M/µL
HCT	37.3 %	61.7 %	30.3 %	52.3 %	30.0 %	47.0 %	22.5 %	39.9 %	37.0 %	55.0 %
HGB	13.1 g/dL	20.5 g/dL	9.8 g/dL	16.2 g/dL	10.7 g/dL	16.5 g/dL	7.4 g/dL	12.8 g/dL	11.0 g/dL	17.0 g/dL
MCV	61.6 fL	73.5 fL	35.9 fL	53.1 fL	41.1 fL	52.4 fL	40.4 fL	56.4 fL	45.0 fL	55.0 fL
MCH	21.2 pg	25.9 pg	11.8 pg	17.3 pg	14.1 pg	18.6 pg	11.5 pg	18.5 pg	14.0 pg	18.0 pg
MCHC	32.0 g/dL	37.9 g/dL	28.1 g/dL	35.8 g/dL	32.8 g/dL	38.6 g/dL	30.2 g/dL	33.5 g/dL	32.0 g/dL	35.0 g/dL
RDW	13.6 %	21.7 %	15.0 %	27.0 %	24.6 %	33.3 %	20.0 %	35.9 %	19.0 %	25.0 %
RETIC #	10.0 K/µL	110.0 K/µL	3.0 K/µL	50.0 K/µL	N/A	N/A	0.0 K/µL	3.9 K/µL	0.0 K/µL	60.0 K/µL
RETIC-HGB	22.3 pg	29.6 pg	13.2 pg	20.8 pg	N/A	N/A	N/A	N/A	N/A	N/A
WBC	5.05 K/µL	16.76 K/µL	2.87 K/µL	17.02 K/µL	4.90 K/µL	11.10 K/µL	2.71 K/µL	17.76 K/µL	2.00 K/µL	10.00 K/µL
NEU #	2.95 K/µL	11.64 K/µL	2.30 K/µL	10.29 K/µL	2.50 K/µL	6.90 K/µL	0.68 K/µL	6.94 K/µL	0.62 K/µL	3.30 K/µL
LYM #	1.05 K/µL	5.10 K/µL	0.92 K/µL	6.88 K/µL	1.50 K/µL	5.10 K/µL	1.20 K/µL	10.62 K/µL	1.00 K/µL	8.00 K/µL
MONO #	0.16 K/µL	1.12 K/µL	0.05 K/µL	0.67 K/µL	0.20 K/µL	0.60 K/µL	0.02 K/µL	2.17 K/µL	0.18 K/µL	0.90 K/µL
EOS #	0.06 K/µL	1.23 K/µL	0.17 K/µL	1.57 K/µL	0.00 K/µL	0.80 K/µL	0.01 K/µL	1.23 K/µL	0.10 K/µL	0.60 K/µL
BASO #	0.00 K/µL	0.10 K/µL	0.01 K/µL	0.26 K/µL	0.00 K/µL	0.10 K/µL	0.00 K/µL	0.04 K/µL	0.00 K/µL	0.10 K/µL
PLT	148 K/µL	484 K/µL	151 K/µL	600 K/µL	100 K/µL	250 K/µL	147 K/µL	663 K/µL	270 K/µL	880 K/µL
MPV	8.7 fL	13.2 fL	11.4 fL	21.6 fL	5.6 fL	10.4 fL	5.9 fL	8.2 fL	8.0 fL	12.0 fL
PDW	9.1 fL	19.4 fL	N/A	N/A	NR	NR	6.0 fL	10.1 fL	NR	NR
PCT	0.14 %	0.46 %	0.17 %	0.86 %	NR	NR	0.12 %	0.42 %	NR	NR

N/A = result and reference interval not reported

NR = reference interval not reported

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IDEXX

Reference Intervals for the IDEXX **ProCyte Dx*** Hematology Analyzer

(as of IDEXX VetLab* Station software version 5.01)

	Gerbil (all life stages)		Rabbit (all life stages)		Pig (all life stages)		Mini pig (all life stages)		Guinea pig (all life stages)	
Parameter	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**
RBC	4.62 M/µL	5.96 M/µL	4.45 M/µL	6.71 M/µL	5.00 M/µL	8.00 M/µL	5.00 M/µL	8.00 M/µL	3.2 M/µL	8.0 M/µL
HCT	40.0 %	50.0 %	29.4 %	40.9 %	32.0 %	50.0 %	32.0 %	50.0 %	34.0 %	50.0 %
HGB	13.3 g/dL	16.7 g/dL	9.8 g/dL	13.2 g/dL	10.7 g/dL	16.7 g/dL	10.7 g/dL	16.7 g/dL	10.0 g/dL	17.0 g/dL
MCV	46.0 fL	60.0 fL	58.1 fL	69.6 fL	50.0 fL	68.0 fL	50.0 fL	68.0 fL	71.0 fL	96.0 fL
MCH	15.0 pg	19.0 pg	18.9 pg	22.1 pg	17.0 pg	21.0 pg	17.0 pg	21.0 pg	26.0 pg	29.0 pg
MCHC	30.0 g/dL	33.0 g/dL	31.6 g/dL	33.6 g/dL	30.0 g/dL	34.0 g/dL	30.0 g/dL	34.0 g/dL	28.0 g/dL	38.0 g/dL
RDW	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
RETIC #	81.7 K/µL	231.0 K/µL	69.5 K/µL	242.7 K/µL	0.0 K/µL	100.0 K/µL	0.0 K/µL	100.0 K/µL	15.0 K/µL	150.0 K/µL
RETIC-HGB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WBC	3.27 K/µL	11.14 K/µL	4.54 K/µL	10.22 K/µL	11.00 K/µL	22.00 K/µL	11.00 K/µL	22.00 K/µL	5.0 K/µL	18.0 K/µL
NEU # or HETERO (rabbit only)	1.31 K/µL	5.01 K/µL	0.96 K/µL	3.34 K/µL	4.48 K/µL	7.52 K/µL	4.48 K/µL	7.52 K/µL	1.10 K/µL	8.60 K/µL
LYM #	1.96 K/µL	9.47 K/µL	1.49 K/µL	5.21 K/µL	6.60 K/µL	18.70 K/µL	6.60 K/µL	18.70 K/µL	1.10 K/µL	12.90 K/µL
MONO #	0.00 K/µL	1.11 K/µL	0.31 K/µL	0.99 K/µL	0.30 K/µL	1.25 K/µL	0.30 K/µL	1.25 K/µL	0.10 K/µL	1.80 K/µL
EOS #	0.00 K/µL	0.22 K/µL	0.05 K/µL	0.24 K/µL	0.20 K/µL	1.10 K/µL	0.20 K/µL	1.10 K/µL	0.10 K/µL	1.30 K/µL
BASO #	0.00 K/µL	0.01 K/µL	0.56 K/µL	2.12 K/µL	0.00 K/µL	0.20 K/µL	0.00 K/µL	0.20 K/µL	0.00 K/µL	0.50 K/µL
PLT	300 K/µL	700 K/µL	219 K/µL	521 K/µL	300 K/µL	700 K/µL	300 K/µL	700 K/µL	200 K/µL	700 K/µL
MPV	NR	NR	NR	NR	NR	NR	NR	NR	6.0 fL	12.0 fL
PDW	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
PCT	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

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Reference Intervals for the IDEXX **ProCyte Dx*** Hematology Analyzer

(as of IDEXX VetLab* Station software version 5.01)

	Goat (all life stages)		Sheep (all life stages)		Llama (all life stages)		Alpaca (all life stages)		Camel (all life stages)	
Parameter	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**
RBC	10.32 M/µL	23.43 M/µL	9.49 M/µL	15.12 M/µL	8.43 M/µL	16.3 M/µL	9.40 M/µL	18.10 M/µL	6.98 M/µL	12.74 M/µL
HCT	22.0 %	39.0 %	27.0 %	42.0 %	24.0 %	45.0 %	22.0 %	45.0 %	21.0 %	26.5 %
HGB	8.9 g/dL	13.8 g/dL	10.0 g/dL	14.9 g/dL	7.6 g/dL	17.4 g/dL	10.2 g/dL	19.3 g/dL	9.9 g/dL	13.6 g/dL
MCV	14.0 fL	22.3 fL	24.4 fL	32.5 fL	22.0 fL	30.0 fL	21.0 fL	28.0 fL	21.0 fL	31.0 fL
MCH	5.0 pg	7.0 pg	8.5 pg	11.8 pg	10.0 pg	13.0 pg	9.0 pg	12.0 pg	10.7 pg	14.2 pg
MCHC	32.0 g/dL	34.0 g/dL	32.3 g/dL	42.0 g/dL	40.0 g/dL	47.0 g/dL	42.0 g/dL	49.0 g/dL	43.2 g/dL	50.7 g/dL
RDW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RETIC #	0.0 K/µL	15.0 K/µL	0.0 K/µL	15.0 K/µL	3.0 K/µL	22 K/µL	0.0 K/µL	20.0 K/µL	0.0 K/µL	30.0 K/µL
RETIC-HGB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WBC	6.03 K/µL	19.58 K/µL	5.06 K/µL	14.12 K/µL	4.04 K/µL	22.33 K/µL	7.10 K/µL	18.60 K/µL	8.60 K/µL	15.80 K/µL
NEU #	1.72 K/µL	10.61 K/µL	1.17 K/µL	6.11 K/µL	1.96 K/µL	16.17 K/µL	3.50 K/µL	11.70 K/µL	4.43 K/µL	8.09 K/µL
LYM #	2.68 K/µL	11.54 K/µL	2.54 K/µL	9.60 K/µL	0.47 K/µL	4.24 K/µL	1.10 K/µL	5.50 K/µL	1.70 K/µL	6.40 K/µL
MONO #	0.06 K/µL	0.89 K/µL	0.10 K/µL	1.01 K/µL	0.06 K/µL	0.88 K/µL	0.00 K/µL	1.00 K/µL	0.40 K/µL	1.04 K/µL
EOS #	0.03 K/µL	1.29 K/µL	0.05 K/µL	0.95 K/µL	0.46 K/µL	6.34 K/µL	0.10 K/µL	4.30 K/µL	0.04 K/µL	0.74 K/µL
BASO #	0.00 K/µL	0.24 K/µL	0.00 K/µL	0.12 K/µL	0.00 K/µL	0.15 K/µL	0.00 K/µL	0.40 K/µL	0.00 K/µL	0.13 K/µL
PLT	246 K/µL	912 K/µL	301 K/µL	922 K/µL	116 K/µL	284 K/µL	220 K/µL	947 K/µL	285 K/µL	436 K/µL
MPV	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
PDW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PCT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Reference Intervals for the IDEXX **ProCyte Dx*** Hematology Analyzer

(as of IDEXX VetLab* Station software version 5.01)

	Dolphin (all life stages)		Hamster (all life stages)	
Parameter	**Low**	**High**	**Low**	**High**
RBC	3.00 M/µL	4.00 M/µL	4.00 M/µL	10.00 M/µL
HCT	36.0 %	46.0 %	39.0 %	59.0 %
HGB	12.6 g/dL	15.8 g/dL	13.0 g/dL	19.0 g/dL
MCV	108.0 fL	136.0 fL	55.0 fL	75.0 fL
MCH	37.0 pg	47.0 pg	19.0 pg	26.0 pg
MCHC	32.0 g/dL	38.0 g/dL	27.0 g/dL	37.0 g/dL
RDW	NR	NR	15.0 %	20.0 %
RETIC #	9.0 K/µL	140.0 K/µL	50.0 K/µL	500.0 K/µL
RETIC-HGB	N/A	N/A	N/A	N/A
WBC	4.48 K/µL	9.08 K/µL	5.00 K/µL	12.00 K/µL
NEU #	2.56 K/µL	6.50 K/µL	1.00 K/µL	9.00 K/µL
LYM #	0.42 K/µL	2.50 K/µL	2.00 K/µL	10.00 K/µL
MONO #	0.11 K/µL	0.43 K/µL	0.40 K/µL	3.00 K/µL
EOS #	0.13 K/µL	1.51 K/µL	0.20 K/µL	2.50 K/µL
BASO #	0.00 K/µL	0.05 K/µL	0.00 K/µL	0.20 K/µL
PLT	58 K/µL	178 K/µL	300 K/µL	600 K/µL
MPV	NR	NR	5.0 fL	20.0 fL
PDW	NR	NR	NR	NR
PCT	NR	NR	NR	NR

N/A = result and reference interval not reported

NR = reference interval not reported

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