

Supplemental Table 4:

Porcine Reference Intervals from 6 publications, Hematology and Refractometric Values. Unit conversions were applied to those values published in SI units. Abbreviation: NR = not reported. Note: Verheyen 2007 published only clinical chemistry values so is not included in this table.

First Author	Schaefer	Dimistrakakis	Li	Perri	Brockus	Radin
RBC ($10^{12}/L$)	2.70 – 7.67	4.80 – 7.11	4.29 – 7.65	4.8 – 7.3	3.6 – 7.8	5.4 – 8.6
HGB (g/dl)	7.8 – 16.0	8.2 – 11.7	9.9 – 14.8	9.3 – 13.6	7.8 – 16.2	12.5 – 17.3
HCT (%)	22.2 – 43.7	25.4 – 38.8	22.3 – 46.2	30 – 50	22 – 50 (PCV)	36.4 – 52.8
MCV (fL)	52.0 – 78.9	NR	41.6 – 68.7	53.0 – 79.0	55 – 71	57.0 – 71.8
MCH (pg)	18.4 – 26.9	NR	12.9 – 22.8	15.0 – 23.0	18 – 24	18.8 – 24.0
MCHC (g/dl)	32.1 – 35.9	NR	27.4 – 33.0	27.5 – 31.7	31 – 36	31.6 – 34.8
RDW (%)	13.5 – 23.4	NR	NR	14.3 – 26.0	NR	NR
Retic ($10^9/L$)	18.7 – 131.4*	NR	NR	NR	NR	NR
nRBCs ($10^9/L$)	0 – 0.2	NR	NR	NR	NR	NR
Platelets ($10^9/L$)	145 – 504	162 – 449	118 – 660	172 – 833	204 – 518	201 – 680
Plateletcrit (%)	0.20 – 0.47	NR	0.11 – 0.65	NR	NR	NR
MPV (fL)	6.9 – 16.7	NR	7.5 – 11.9	7.5 – 11.9	8.4 – 12.4	NR
WBC ($10^9/L$)	4.3 – 19.5	9.9 – 22.0	6.0 – 23.6	6.0 – 21.7	5.2 – 17.9	6.6 – 18.6
Neutr auto ($10^9/L$)	1.1 – 13.3	2.0 – 8.8	1.6 – 14.0	NR	NR	NR
Lymph auto ($10^9/L$)	1.9 – 6.3	6.4 – 14.4	2.3 – 14.9	NR	NR	NR
Mono auto ($10^9/L$)	0.1 – 0.9	0.1 – 0.4	0.1 – 0.9	NR	NR	NR
Eos Auto ($10^9/L$)	0 – 1.0	NR	0 – 0.5	NR	NR	NR
Baso auto ($10^9/L$)	0 – 0.1	NR	0 – 0.2	NR	NR	NR
LUC auto ($10^9/L$)	0 – 0.4	NR	NR	NR	NR	NR
Neutr manual ($10^9/L$)	1.0 – 14.6	NR	NR	NR	0 – 11.4	NR
Band manual ($10^9/L$)	0 – 0.2	NR	NR	NR	0 – 0.2	NR
Lymph manual ($10^9/L$)	1.5 – 6.6	NR	NR	NR	0.8 – 9.8	NR
Mono manual ($10^9/L$)	0 – 1.4	NR	NR	NR	0 – 0.7	NR
Eos manual ($10^9/L$)	0 – 1.7	NR	NR	NR	0 – 0.7	NR
Baso manual ($10^9/L$)	0 – 0.5	NR	NR	NR	0 – 0.6	NR
Total protein, refractometry (g/dl)	5.7 – 8.7	NR	NR	NR	NR	NR
Fibrinogen heat prec (mg/dl)	0 – 600	NR	NR	NR	100 – 400	NR

*Data presented for reticulocytes is the range (minimum to maximum), not a reference interval, due to the small sample size (n=20).