

**Table 1. Hematology RI for reference sample sizes of n = 20-40**

Please note that examination for outliers using a histogram and an appropriately stringent statistical test (Dixon's, Tukey's)<sup>a</sup> should be performed prior to analyzing the reference data for the following statistics.

Analyte	Conventional Units	SI Units	N	Mean	SD	Median	Min	Max	RI <sup>a</sup>	Lower Ref Lim 90% CI	Upper Ref Lim 90% CI	Dist. <sup>b</sup>	Method <sup>c</sup>
PCV	%	L/L											
RBC count	10 <sup>6</sup> /mm <sup>3</sup>	10 <sup>12</sup> /L											
Hemoglobin	g/dl	g/L											
MCV	pg	pg											
MCHC	g/dl	g/L											
TS	g/dL	g/L											
WBC	10 <sup>3</sup> /ml	10 <sup>9</sup> /L											
Heterophil	%	%											
Heterophil	10 <sup>3</sup> /ml	10 <sup>6</sup> /L											
Lymphocytes	%	%											
Lymphocytes	10 <sup>3</sup> /ml	10 <sup>6</sup> /L											
Monocyte/ Azurophil	%	%											
Monocyte/ Azurophil	10 <sup>3</sup> /ml	10 <sup>6</sup> /L											
Eosinophils	%	%											
Eosinophils	10 <sup>3</sup> /ml	10 <sup>6</sup> /L											
Basophils	%	%											
Basophils	10 <sup>3</sup> /ml	10 <sup>6</sup> /L											
Platelets	10 <sup>6</sup> /mm <sup>3</sup>	10 <sup>9</sup> /L											
Thrombocytes	10 <sup>3</sup> /ml	10 <sup>6</sup> /L											
Reticulocytes	/mm <sup>3</sup>	10 <sup>9</sup> /L											

<sup>a</sup>Please see ASVCP Guidelines for outlier detection and reference interval construction

<sup>b</sup>Use the following symbols to indicate distribution: G, Gaussian; NG, non-Gaussian

<sup>c</sup>Use the following symbols to indicate statistical method for establishing RI: P, parametric; NP, nonparametric; R, robust; add T, transformed, if data was transformed to Gaussian prior to applying parametric or robust methods

RI, Reference interval; Ref Lim, reference limit; Dist., distribution; PCV, packed cell volume; MCV, mean cell volume; MCHC, mean cell hemoglobin concentration; WBC, white blood cell count; TS, total solids

**Table 2. Chemistry RI for Reference Sample Sizes of n = 20-40. See legend for Table 1.**

Please note that examination for outliers using a histogram and an appropriately stringent statistical test (Dixon's, Tukey's)<sup>a</sup> should be performed prior to analyzing the reference data for the following statistics.

Analyte	Conventional Units	SI Units	N	Mean	SD	Median	Min	Max	RI <sup>a</sup>	Lower Ref Lim 90% CI	Upper Ref Lim 90% CI	Dist. <sup>b</sup>	Method <sup>c</sup>
Na	mEq/L	mmol/L											
K	mEq/L	mmol/L											
Cl	mEq/L	mmol/L											
Ca	mg/dl	mmol/L											
Phos	mg/dl	mmol/L											
Ca/Phos ratio													
UA	mg/dl	umol/L											
Urea	mg/dl	mmol/L											
Creatinine	mg/dl	umol/L											
AST	U/L	U/L											
CK	U/L	U/L											
GGT	U/L	U/L											
ALP	U/L	U/L											
ALT	U/L	U/L											
Bile Acids	mg/dl	µmol/L											
Glu	mg/dl	mmol/L											
Amylase	U/L	U/L											
Lipase	U/L	U/L											
Triglyceride	mg/dl	mmol/L											
Cholesterol	mg/dl	mmol/L											
TP	g/dl	g/L											
Alb	g/dl	g/L											
Glob	g/dl	g/L											
A:G ratio													

Na, sodium; K, potassium; Cl, chloride; Ca, calcium; Phos, phosphorus; UA, uric acid; AST, aspartate aminotransferase; CK, creatine kinase; GGT, gamma glutamyl transferase; ALP, alkaline phosphatase; ALT, alanine amino transferase; Glu, glucose; TP, total protein; Alb, albumin; Glob, globulin



