



i-STAT Alinity v System and Reference Ranges

		Units	System Range	Reference Range		
				Canine	Feline	Equine
Hematology	Hematocrit (Hct)	% PCV	15 - 75	35 - 50	24 - 40	30 - 45
	Hemoglobin (Hb)*	g/dL	5.1 - 25.5	12.0 - 17.0	8.0 - 13.0	10.0 - 15.0
Chemistry	Blood Urea Nitrogen (BUN)	mg/dL	3 - 140	10 - 26	15 - 34	11 - 27
	Creatinine (Crea)	mg/dL	0.2 - 20.0	0.5 - 1.3	1.0 - 2.2	0.4 - 2.2
	Ionized Calcium (iCa)	mmol/L	0.25 - 2.50	1.12 - 1.40	1.20 - 1.32	1.25 - 1.75
	Glucose (Glu)	mg/dL	20 - 700	60 - 115	60 - 130	62 - 134
Electrolytes	Chloride (Cl)	mmol/L	65 - 140	106 - 127	112 - 129	100 - 111
	Sodium (Na)	mmol/L	100 - 180	139 - 150	147 - 162	128 - 142
	Potassium (K)	mmol/L	2.0 - 9.0	3.4 - 4.9	2.9 - 4.2	1.9 - 4.1
Acid-Base	pH		6.5 - 8.2	7.35 - 7.45	7.25 - 7.40	7.35 - 7.45
	Partial Pressure of Carbon Dioxide (P_{CO_2})	mmHg	5 - 130	35.0 - 38.0	33.0 - 51.0	36.0 - 46.0
	Bicarbonate (HCO_3^-)*	mmol/L	1.0 - 85.0	15.0 - 23.0	13.0 - 25.0	25.0 - 30.0
	Total Carbon Dioxide (TCO_2)*	mmol/L	5 - 50	17 - 25	16 - 25	24 - 32
	Anion Gap (AnGap)*	mmol/L	(-10) - (+99)	8 - 25	10 - 27	5 - 15
	Base Excess (BE)*	mmol/L	(-30) - (+30)	(-5) - 0	(-5) - (+2)	(-5) - (+5)
Blood Gas	Partial Pressure of Oxygen (PO_2)	mmHg	5 - 800	85 - 100	90 - 110	90 - 110
	Oxygen Saturation (sO_2)*	%	0 - 100	>90	>90	>90
Specialty	Lactate (Lac)	mmol/L	0.30 - 20.00	0.6 - 2.9	0.5 - 2.7	0.3 - 1.5

*Calculated Value

Highlighted cells reflect ranges for arterial samples. No venous reference ranges are yet available.

For questions:

800 822 2947

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