

EPOC[®] NORMAL VETERINARY REFERENCE RANGES

Parameters	Acronym	Units	Measurement Range	Canine	Feline	Equine	Measured	Calculated
pH	pH		6.5-8.0	7.350-7.450	7.250-7.400	7.320-7.440 (Arterial) 7.350-7.450 (Venous)	√	
Carbon Dioxide Partial Pressure	pCO ₂	mmHg	5-250	34.0-40.0(Arterial) 35.0-38.0(Venous)	28.0-34.0(Arterial) 33.0-51.0(Venous)	36.0-46.0(Arterial & Venous)	√	
Oxygen Partial Pressure	pO ₂	mmHg	5-750	85-100	90-110	90-100	√	
Potassium	K+	mmol/L	1.5-12.0	3.4-4.9	2.9-4.2	1.9-4.1	√	
Sodium	Na+	mmol/L	85-180	139-150	147-162	128-142	√	
Calcium (ionised)	Ca++	mmol/L	0.25-4.0	1.12-1.40	1.20-1.32	1.25-1.75	√	
Chloride	Cl-	mmol/L	65-140	106-127	112-129	100-111	√	
Glucose	Glu	mmol/L	1.1-38.5	3.33-6.38	3.33-7.22	3.44-7.44	√	
		mg/dL	20-700	60-115	60-130	62-134		
Lactate	Lac	mmol/L	0.30-20.00	0.60-2.90	0.50-2.70	0.30-1.50	√	
Creatinine	Crea	mg/dL	0.30-15.00	0.5-1.3	1.0-2.2	0.4-2.2	√	
		μmol/L	26-1326	44-115	88.4-195	35-195		
Hematocrit	Hct	%	10.75	35-50	24-40	30-45	√	
Hemoglobin	cHgb	g/dL	33-250	12.0-17.0	8.0-13.0	10.0-15.0		√
Actual Bicarbonate	cHCO ₃ ⁻	mmol/L	1-85	20.0-24.0(Arterial) 15.0-23.0(Venous)	16.0-20.0(Arterial) 13.0-25.0(Venous)	24.0-30.0(Arterial) 25.0-30.0(Venous)		√
Total Carbon Dioxide	cTCO ₂	mmol/L	1-85	17-25	16-25	24-32		√
Base Excess (ecf/ b)	BE(ecf)	mmol/L	-30-+30	(-5) - (0)	(-5) - (+2)	(-5) - (+5)		√
Oxygen Saturation	cSO ₂	%	0-100	>90	>90	>90		√
Anion Gap, K+	AGapK	mmol/L	-10-+99	8-25	10-27	5-15		√