

Test	Bovine Dairy	Bovine Beef	Equine	Ovine	Caprine	Llama	Alpaca	Canine	Feline	Porcine
Albumin, g/dl	3.2-4.1	3.1-4.1	2.9-3.8	2.5-3.9	2.3-4.0	3.0-4.2	3.5-4.9	2.3-4.0	2.6-4.0	2.4-3.8
Alk phos, IU/L			80-240	10-70	50-200	12-97		10-84	10-70	110-400
Amylase, IU/L*	0-34	0-28	0-35	1-30	1-30	420-1200		500-1500	500-1500	271-1198
ALT (SGPT), IU/L								5-65	5-65	31-58
Anion Gap	16-22	17-26	10-21			2-18	15-27			
AST (SGOT), IU/L	46-189	51-114	212-453	60-110	30-80	66-235	127-298			30-90
b-Hbutyrate, mg/dl	3.24-7.62	1.55-5.96	0.8-3.4			0.12-0.75				
B.acids (fast), mEq/L			0-28			1.1-22.9		0-10	0-5	
B.acids (post-prand), mEq/L								0-20	0-10	
Bili., total, mg/dl	0.1-0.3	0.1-0.5	0.8-2.6	0.0-0.5	0.0-0.5	0.0-0.3	0.1-0.4	0.0-0.5	0.0-0.5	0-0.5
Bili., direct, mg/dl	0-0.2	0-0.2	0-0.4	0.0-0.2	0.0-0.2			0.0-0.2	0.0-0.2	0.0-0.2
BUN, mg/dl	8-27	2-18	8-23	10-35	10-20	24-44	13-28	10-30	10-35	10-30
Calcium, mg/dl	8.2-10.0	8.7-10.9	11.5-13.3	8.5-12.0	9.0-12.0	8.4-10.8	8.4-10.4	8.0-12.0	8.0-12.0	7-11.5
Chloride, mEq/L	96-110	91-109	94-105	95-112	100-115	109-125	100-115	100-115	117-128	94-110
Cholesterol, mg/dl	43-331	54-237	75-130	40-76	80-130	13.3-52.4		150-275	75-175	80-150
CK, IU/L	69-268	47-303	145-633	50-150	50-150	0-552	43-750	50-300	50-300	60-200
Creatinine, mg/dl	0.5-1.4	1-2	0.9-1.7	0.9-2.0	1.0-2.0	1.5-2.7	0.9-1.7	1.0-2.0	1.0-2.0	1.0-2.7
GGT, IU/L	12-49	1-31	7-25	30-94	5-15	16-46	10-37	2-10	1-8	29-39
Glucose, mg/dl	51-77	37-103	79-109	50-85	50-75	89-132	88-151	65-130	70-125	85-150
Lipase, IU/L*	30-200	30-400	400-1000	1-71				200-1800	100-1400	10-44
Magnesium mg/dl	2.0-3.9	1.6-2.5	1.7-2.9	2.2-2.8	2.8-3.6	1.6-4.9	1.4-2.2	1.8-2.4	2.0-2.5	2.7-3.7

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NEFA, mEq/L	0.04-0.34	< 0.91	0-0.25			0-0.24				
Phosphorus, mg/dl	5.2-7.9	5.3-10.3	1.9-4.1	5.0-7.5	3.6-9.0	1.3-10.1	5.1-11.5	3.0-7.0	3.5-6.1	5.3-9.6
Potassium, mEq/L	3.8-5.2	3.5-5.6	2.5-4.7	4.5-6.0	3.5-6.5	3.8-7.3	4.1-6.3	4.0-5.7	4.0-5.8	4.4-6.5
Protein (total), g/dl	6.3-8.7	6-8.4	5.9-7.6	5.5-7.5	6.4-7.0	5.3-7.3	5.1-6.9	5.4-7.6	6.0-8.1	5.5-6.5
Sodium, mEq/L	137-148	141-150	133-142	145-155	140-155	146-156	142-154	140-158	145-160	135-150
SDH, IU/L	6.4-58.8	0-50	1.5-4.7	6-27	14-24	0-22	1.5-15.7		<22	1.0-5.8
tCO ₂ , mEq/L	21-30	22-35	21-30	21-28	22-30	19-29	23-33	18-26	17-24	22-30
Total T ₄ , mcg/dl			0.7-2.7				7.5-18.3			
Triglycerides, mg/dl	9-38	14-46				8.3-55.8			44-105	

- Vet-Test normals

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