

DLAM / Pathology & Laboratory Medicine Services

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SERUM CHEMISTRY REFERENCE RANGE - MOUSE*

Test names	Unit	Strain			
		CD-1	C57BL/6	B6C3F1	BALB/cByJ
ALP (Alkaline phosphatase)	U/L	13-88	16-200	46-291	—
ALT (Alanine aminotrasferase, SGPT)	U/L	7-227	22-133	14-140	—
AST (Aspartate aminotrasferase,SGOT)	U/L	57-329	46-221	37-134	—
GGT (Gamma-glutamyl transpeptidase)	U/L	—	—	—	—
CK (Creatine kinase)	U/L	—	—	112-238	—
BUN (Blood urea nitrogen)	mg/dl	15-59	2-71	17-39	—
CREAT (Creatinine)	mg/dl	0.4-1.6	0.1-1.8	0.3-2.1	0.2-0.7
GLU (Glucose)	mg/dl	57-197	60-133	46-176	114-279
CHOL (Cholesterol)	mg/dl	51-171	34-173	71-190	80-219
TRIG (Triglycerides)	mg/dl	29-150	16-164	33-193	—
TBILI (Bilirubin, total)	mg/dl	0.1-0.9	—	0.2-0.4	0.5-1.1
CA (Calcium)	mg/dl	6.8-11.9	—	9.1-10.9	8.5-10.9
PHOS (Inorganic phosphorus)	mg/dl	6.0-11.3	—	—	5.3-7.8
NA (Sodium)	mmol/L	145-175	153-175	157-176	149-174
K (Potassium)	mmol/L	6.5-9.7	—	—	—
CL (Chloride)	mmol/L	111-134	—	—	—
CO2_LC (Bicarbonate, HCO ₃)	mEq/L	—	—	—	—
ALB (Albumin)	g/dl	2.5-3.5	2.6-5.4	2.7-4.9	2.7-4.9
TPROT (Total protein)	g/dl	3.3-6.4	4.6-7.3	4.8-6.7	4.4-7.6

*Modified from Loeb *et al* (1999)

(Loeb, WF and Quimby, FW. 1999. *The Clinical Chemistry of Laboratory Animals*, 2nd ed. Philadelphia: Taylor & Francis USA.)