

# REFERENCE RANGES

## Rabbit, Guinea Pig and Ferret

### CLINICAL CHEMISTRY

	Unit	Rabbit	Guinea Pig	Ferret
<b>Enzymes 37°C</b>				
ALT (GPT)	U/l	< 113	< 113	< 450
α-Amylase	U/l	< 459	< 3159	< 62
AP	U/l	< 640	< 674	< 228
AST (GOT)	U/l	< 64	< 205	< 324
Cholinesterase	U/l	< 5569	< 12581	< 1590
CK	U/l	< 2281	< 5102	< 1740
GLDH	U/l	< 31	< 27	< 4
γ-GT	U/l	< 23	< 23	< 25
LDH	U/l	< 519	< 468	< 1619
Lipase	U/l	< 1587	< 152	< 351
<b>Substrates</b>				
Albumin	g/l	-	-	28 - 44
Cholesterol	mmol/l	0.3 - 1.7	0.3 - 1.7	2.4 - 7.1
Total Protein	g/l	48.7 - 73.6	44 - 66	55 - 78
Fructosamine	μmol/l	248.1 - 501.4	< 271	121 - 202
Glucose	mmol/l	5.8 - 14.8	5.0 - 16.0	3.0 - 8.5
Urea	mmol/l	2.6 - 10.3	3.3 - 10.3	4.8 - 16.9
Creatinine	μmol/l	51.4 - 154.4	< 77	23 - 77
Triglyceride	mmol/l	0.5 - 3.4	0.3 - 2.4	0.5 - 2.8
<b>Electrolytes</b>				
Calcium	mmol/l	3.0 - 4.3	2.4 - 3.1	2.0 - 2.6
Iron	μmol/l	20 - 59	26 - 76	12 - 56
Potassium (K)	mmol/l	3.5 - 6.0	4.5 - 8.8	3.9 - 5.9
Magnesium	mmol/l	0.7 - 1.5	1.0 - 2.6	0.9 - 1.6
Sodium (Na)	mmol/l	132.6 - 154.0	130 - 150	140.1 - 169.7
Phosphate	mmol/l	0.5 - 2.2	1.0 - 7.0	1.0 - 3.1
<b>Hormones</b>				
Androstendione	ng/dl	-	-	< 428
17-OH-Progesterone	ng/dl	-	-	< 26.1
Testosterone	ng/ml	< 0.5: neutered 0.5 - 1: questionable > 1: testicular tissue probably present	-	male: 1.5 - 8.5 female: < 0.4 neutered: < 0.5
T4	μg/dl	0.6 - 1.98	1.1 - 5.2	1.1 - 2.8
fT4	pmol/l	< 20 (30)	< 20 (30)	-