

Colorado State University

Veterinary Diagnostic Laboratories

Fort Collins - Rocky Ford – Western Slope

ENDOCRINOLOGY

Endocrinology Normals

Test	Canine	Feline	Equine
ACTH response – pre	1 – 6.2 µg/dl	1 – 6.2 µg/dl	1 – 6.2 µg/dl
ACTH response – post	10.5 – 20 µg/dl	10.5 – 20 µg/dl	10.5 – 20 µg/dl
Endogenous ACTH	20 – 80 pg/ml	20 – 80 pg/ml	18 – 25 pg/ml
Cortisol	1 – 6.2 µg/dl	1 – 6.2 µg/dl	1 – 6.2 µg/dl
Dexamethasone – 0 hour	1 – 6.2 µg/dl	1 – 6.2 µg/dl	1 – 6.2 µg/dl
Dexamethasone – 3 hour	<1.0 µg/dl	<1.0 µg/dl	<1.0 µg/dl
Dexamethasone – 8 hour	<1.5 µg/dl	<1.5 µg/dl	<1.5 µg/dl
Total T4	1.2 – 3.1 µg/dl	1.2 – 4.8 µg/dl	1.0 – 2.5 µg/dl
Endogenous TSH	0.03 – 0.40 ng/ml	N/A	N/A
TGAA ELISA	Below 20% negative 20-30% inconclusive Over 35% positive	N/A	N/A
Insulin	5 – 20 µIU/ml	5 – 20 µIU/ml	4 – 8 µIU/ml
Phenobarb	20 – 40 µg/ml	20 – 40 µg/ml	20 – 40 µg/ml