

## Endocrine Reference Intervals

Test	Units	Canine	Feline	Bovine	Equine
<b>Cortisol</b>					
Baseline	nmol/L	14-180	13-110	10-140	70-180
Post-ACTH	nmol/L	231-571 (2hrs post)	163-409-1hr 115-507-2hr		2-3x Baseline at 8hrs
Post Dexa	nmol/L	<35 (8hrs Post Dex at 0.01mg/kg IV)	<35 (8hrs Post Dex at 0.1mg/kg IV)		<30 (19 hrs Post Dex at 0.04 mg/kg IM)
<b>Estrone Sulfate</b>					
Pregnant	ng/ml				> 20 (> 90 days)
Non-Pregnant/ True Gelding Stallion/ Cryptorchid	ng/ml				< 5 (> 90 days)  > 10
<b>Progesterone</b>					
Diestrus (luteal)	ng/ml	< 2	5-15	> 3.0	7-20
LH Peak	ng/ml	2 - 4	-	-	-
Estrus (follicular)	ng/ml	4 - 12	< 1.0	< 1.0	< 1.0
Pregnant	ng/ml	> 12	5-15	> 3.0	7-20
<b>T3 (triiodothyronine)</b>					
Baseline	nmol/L	0.6-2.4	0.3-1.7	0.8-1.9	0.9-3.1
<b>T4 (thyroxine)</b>					
Baseline	nmol/L	15-52	8-40	-	13-35
<b>Testosterone</b>					
	ng/ml	1.0-7.0 male  <0.4 bitch or neutered male	1.0-6.0		1.0-4.0 Stallion, breeding season < 1.0 Stallion, non- Breeding Season < 0.3 Mares, Geldings
<b>TSH</b>	ng/ml	< 0.50			
<b>Urine Cortisol/ Creatinine Ratio</b>		0.5-17.7 x10 <sup>-6</sup>	0.5-17.7 x10 <sup>-6</sup>		