



Reference Values

Progesterone

Species	Reproductive Status	Baseline
Canine	Bitch, anestrus, or spayed	< 1.0 ng/ml
	Bitch, diestrus day 15	10-50 ng/ml
Feline	Queen, anestrus, or spayed	< 1.0 ng/ml
	Queen, diestrus day 15	10-40 ng/ml
Equine	Mare, anestrus	< 2.0 ng/ml
	Mare, pregnant days 60-120	5-20 ng/ml
Llama	Female, pregnant day 20	> 2.0 ng/ml*

* 1.0 ng/ml = 85% possibility of pregnancy

Testosterone

Species	Reproductive Status	Baseline	Post hCG
Canine	Dog, intact	0.5-9.0 ng/ml	N/A
	Dog, neutered	< 0.2 ng/ml	N/A
	Bitch, anestrus	< 0.2 ng/ml	N/A
Feline	Tom, intact	1.0-6.0 ng/ml	N/A
	Tom, neutered	< 0.5 ng/ml	N/A
	Queen	< 0.2 ng/ml	N/A
Equine	Gelding	< 0.1 ng/ml	30, 60, 120 min. < 0.1 ng/ml
	Cryptorchid	> 0.1 ng/ml	> 0.1 ng/ml
	Stallion	> 0.5 ng/ml	30, 60, 120 min. > 1.0 ng/ml
	Mare	< 0.1 ng/ml	N/A

Lutenizing Hormone

Species	Reproductive Status	Baseline
Canine	Bitch, intact	0.3-2.0 ng/ml
	Bitch, spayed	2.9-54.5 ng/ml
	Dog, intact	0.8-11.2 ng/ml
	Dog, neutered	7.2-27.0 ng/ml
Feline	Queen, intact (anestrus or unmated estrus)	0.2-1.8 ng/ml
	Queen, spayed	3.5-9.3 ng/ml
	Tom, neutered	3.0-10.0 ng/ml