Endocrinology

7/10/2015 (Order Received)
7/10/2015 @ 7:00 AM (Last Updated)

Cortisol - Pre
Dex
2.6
1.0 - 6.0 ug/dL

Cortisol - 4 hr
Post Dex
1.9
ug/dL

Cortisol - 8 hr
Post Dex
1.7
ug/dL

Low-Dose Dexamethasone Diagnostic Intervals (Canine)
4 hours 8 hours Interpretation
<1 <1 Normal
1.0-1.5 1.0-1.5 Inconclusive
>1.5 and >50% of baseline >1.5 and >50% of baseline Consistent with hyperadrenocorticism
Further testing required to differentiate adrenal tumor from pituitary-dependent hyperadrenocorticism (PDH)

<1.5 or <50% of baseline >1.5 and >50% of baseline Consistent with pituitary-dependent hyperadrenocorticism (PDH)
<1.5 or <50% of baseline >1.5 and <50% of baseline Consistent with pituitary-dependent hyperadrenocorticism (PDH)
>1.5 or >50% of baseline >1.5 and <50% of baseline Consistent with pituitary-dependent hyperadrenocorticism (PDH)

High-Dose Dexamethasone Diagnostic Intervals (Canine)
4 hour 8 hour Interpretation
<1.5 or <50% >1.5 and >50% of baseline of baseline Consistent with pituitary-dependent hyperadrenocorticism (PDH)
>1.5 and >50% <1.5 or <50% of baseline of baseline Consistent with pituitary-dependent hyperadrenocorticism (PDH)
<1.5 or <50% <1.5 or <50% of baseline of baseline Consistent with pituitary-dependent hyperadrenocorticism (PDH)
>1.5 and >50% >1.5 and >50% of baseline of baseline Further testing required to differentiate PDH from adrenal tumor.

Hyperadrenocorticism is a clinical disorder with clinical signs. If the animal has no clinical signs, we do not recommend treatment. Approximately 5% of dogs with hyperadrenocorticism will have normal low dose dexamethasone suppression results. Conversely, some animals with significant nonadrenal disease may fail to adequately suppress on this test.