



Stiftung Tierärztliche Hochschule Hannover, Klinik für Rinder,
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Clinical Centre for Farm Animals

Veterinary endocrinology and
laboratory diagnostics

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ACTH stimulation test in dogs

Indication	Diagnostic of <u>hypo</u> adrenocorticism (Addison's disease) and <u>hyper</u> adrenocorticism (Cushing's syndrome) Control of adrenal cortical function under Lysodren® and Trilostane® therapy in Cushing's patients
Realisation	1st blood sample, basal value (0 sample) Injection of 5 µg/kg tetracosactide hexaacetate (Synacthen®, injection solution) or 1 ampoule of Synacthen® à 0.25mg per dog i.v. (can be kept frozen in a syringe for up to 6 months) 2nd blood sample after 60 minutes (1h sample)
Material	1 ml serum or lithium heparin plasma
Laboratory Analysis	Cortisol (0 and 1h sample) Sequential immunometric chemiluminescence assay
Costs	28,80 € + VAT