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Klinik für Rinder

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ACTH stimulation test in dogs

Indication	Diagnosis 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