



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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GnRH stimulation test for horses

Indication	Diagnosis of secondary and tertiary fertility disorders Exclusion of residual gonadal tissue after castration Exclusion of cryptorchidism
Realisation	1st blood sample Injection 0.04 mg/horse Buserelin i.v. (e.g. 10 ml/horse Receptal® 0.004 mg/ml, MSD Animal Health) 2nd blood sample after 30 minutes 3rd blood sample after 60 minutes 4th blood sample after 90 minutes
Material	4ml serum
Laboratory analysis	Testosterone and 17β oestradiol Competitive enzyme immunoassay and radioimmunoassay
Notes	Test is scheduled once a week (Mondays)
Costs	80,00 € + VAT