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## GnRH stimulation test in dogs

|                            |                                                                                                                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Indication</b>          | Diagnosis of fertility disorders ♀<br>Exclusion of residual gonadal tissue after castration ♀<br>Exclusion of cryptorchidism ♂                                                                                                                                                  |
| <b>Realisation</b>         | <b>1st blood sample (basal value)</b><br>Injection 120 ng/kg KGW Buserelin i.m.<br>(z.B. 0,03 ml/kg Receptal® 0,004 mg/ml, MSD Tiergesundheit)<br><b>2. blood sample after 30 minutes</b><br><b>3. blood sample after 60 minutes</b><br><b>4. blood sample after 90 minutes</b> |
| <b>Material</b>            | 2 ml serum                                                                                                                                                                                                                                                                      |
| <b>Laboratory analysis</b> | <b>Progesterone and oestradiol</b> ♀<br><b>Testosterone and oestradiol</b> ♂<br><b>Testosterone</b> ♂<br>sequential immunometric chemiluminescence assay and radioimmunoassay                                                                                                   |