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**Klinik für Rinder**

Klinisch-endokrinologisches Labor  
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### HCG stimulation test in horses (Cox test)

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| <b>Indication</b>          | Diagnostics of primary fertility disorders              |
|                            | Diagnosis of cryptorchidism                             |
|                            | Exclusion of residual gonadal tissue after castration   |
|                            |                                                         |
| <b>Realisation</b>         | <b>1st blood sample basal value (0 sample)</b>          |
|                            | Injection 3000-5000 IU/horse hCG (e.g. Ovogest ®, MSD)  |
|                            | <b>2nd blood sample after 30 minutes</b>                |
|                            | <b>3rd blood sample after 60 minutes</b>                |
| <b>Material</b>            | <b>4th blood sample after 90 minutes</b>                |
|                            | 4ml Serum                                               |
|                            |                                                         |
|                            |                                                         |
| <b>Laboratory analysis</b> | <b>Testosterone and 17<math>\beta</math> oestradiol</b> |
|                            | competitive enzyme immunoassay and radioimmunoassay     |