







































LABORATORY SAMPLE REQUIREMENTS

HAEMATOLOGY/BIOCHEMISTRY

-  **EDTA** Haematology (inc differential and smear examination)
-   **EDTA & Serum** Inflammatory Profile (Haem+diff, Total Protein, alb, glob, iron & SAA)
-   **EDTA & Serum** Basic Screen Profile (Haem+diff, Total Protein, alb, glob, iron, SAA, AST, CK, GGT, AP, urea & crea)
-   **EDTA & Serum** Liver Profile (Haem+diff, Total Protein, alb, glob, AST, GGT, GLDH, LDH, AP, bilirubin & bile acids)
-   **EDTA & Serum** Geriatric Profile (Haem+diff, Total Protein, alb, glob, iron, SAA, GGT, AP & crea)
-   **EDTA & Serum** Renal Profile (Haem+diff, Total Protein, alb, glob, iron, SAA, urea, crea, Ca & PO₄)
-   **EDTA & Serum** Muscle Profile (Haem+diff, AST, CK & crea)
-  **Serum** Electrolytes (Na, K, Cl, Ca, PO₄, Mg) *Please separate prior to sending
-  **Citrate** Clotting Profile (Prothrombin time, APTT) *Please submit a control sample
-  OR  **EDTA or Serum** IgG
-  **Serum** Cardiac Troponin

ENDOCRINOLOGY

-    **EDTA Plasma, Serum & Oxalate** Full Endocrine Laminitis Screen (ACTH, HMW Adiponectin, Insulin*, Glucose)
-    **EDTA Plasma, Serum & Oxalate** PPID Screen (ACTH, Insulin*, Glucose)
-  **EDTA Plasma** Basal ACTH  **EDTA Plasma** ACTH pre- and post-TRH
-   **Serum & Oxalate** EMS Screen (HMW Adiponectin, Insulin*, Glucose)
-  **Serum** HMW Adiponectin *Please send EDTA Plasma for ACTH and serum samples for Adiponectin chilled
-  **Serum** Insulin
-   **Serum & Oxalate** Insulin & Glucose
-  **Serum** Cortisol
-  **Serum** PMSG
-  **Serum** Oestrone Sulphate
-  **Serum** Anti-Müllerian Hormone

CYTOLOGY

OR **EDTA or cytospin** Cytology (TW, BAL, peritoneal, pleural & synovial fluid)

OR & **EDTA or cytospin & plain** Cytology & Culture (TW, BAL, peritoneal, pleural & synovial fluid)

Charcoal swab & an air-dried smear on slide Cornea / conjunctivitis

SEROLOGY

Serum *Borrelia burgdorferi* (Lyme) & *Anaplasma phagocytophilum*

Serum *Streptococcus equi equi* ELISA

Serum EVA serology

Serum EIA serology

URINALYSIS

Or **Plain or universal** Standard

Or **Plain or universal** Urinalysis, culture & sensitivity

Or **Plain or universal** Urinary GGT: Creatinine ratio

MICROBIOLOGY

OR **Charcoal swab, plain swab or universal container** Aerobic culture & sensitivity

OR **Charcoal swab, plain swab or universal container** Anaerobic culture

OR **Charcoal swab, plain swab or universal container** *Strep equi equi* qPCR

OR **Charcoal swab, plain swab or universal container** *Strep equi equi* culture and sensitivity

OR **Charcoal swab, plain swab or universal container** *Strep equi equi* qPCR, culture and sensitivity

DERMATOLOGY

Universal container Skin / Hair microscopy only

Universal container Dermatophyte qPCR

Universal container Dermatophyte culture

BREEDING CEM swabs

Charcoal swab Clitoral fossa & sinuses PCR/Culture

Charcoal swab Endometrial PCR/Culture

Charcoal swab Urethra, urethral fossa and penile sheath PCR/Culture

GASTROINTESTINAL

Faecal sample minimum 10g Adult diarrhoea profile (*C. difficile* tox A/B, *C. perfringens* β toxin & salmonella)

Faecal sample minimum 10g Foal diarrhoea profile (Rotavirus, Cryptosporidium, *C. difficile* tox A/B, *C. perfringens* β toxin & salmonella)

Faecal sample minimum 10g Faecal worm egg count

Faecal sample minimum 10g Salmonella culture/qPCR

HISTOPATHOLOGY

Universal container with Formalin Routine histopathology