

Veterinary Laboratory Services

Submission Form

http://www.liv.ac.uk/vetpathology/

School of Veterinary Science, University of Liverpool, Leahurst, Chester High Road, Neston, CH64 7TE

Email: vpserve@liverpool.ac.uk Tel. Pathology 0151-795-6294 Bacteriology 0151-794-6118

Parasitology 0151-794-1178

Animal details/Patient sticker:

Owner Animal name

Species Age

Breed Sex

Hospital no..... Previous Path. Lab. no.....

Vet. Surgeon.....

Practice name

PhoneFax

Please indicate sample type submitted:

- | | |
|---|--|
| <input type="checkbox"/> Swab* | <input type="checkbox"/> CSF |
| <input type="checkbox"/> Synovial fluid | <input type="checkbox"/> Tracheal wash |
| <input type="checkbox"/> Faeces | <input type="checkbox"/> BAL |
| <input type="checkbox"/> Tissue* (fixed) | <input type="checkbox"/> Guttural Pouch Wash |
| <input type="checkbox"/> Tissue* (fresh) | <input type="checkbox"/> Blood |
| <input type="checkbox"/> Skin/plucked hairs | <input type="checkbox"/> Abdominal fluid |
| <input type="checkbox"/> <u>Urine:</u> | <input type="checkbox"/> Other * |
| <input type="checkbox"/> Catch <input type="checkbox"/> Catheter <input type="checkbox"/> Cysto | |

*State/Site _____

Date of sampling: _____

Clinical signs and history (including treatment)

Differential/Presumptive Diagnosis

Histopathology (please see verso)

Microbiology - General:

- Routine BACT. examination (culture, ID, SENS)
- AB sensitivity: Disc diffusion
 MIC
- Fungal culture
- MRSA screen
- Mycoplasma* culture
- Bordetella* culture
- Cryptococcus* (Ink stain, antigen testing, culture, ID)
- Direct smear (Gram, ZN staining)
- NEW!** PCR diagnostics (please see verso)

Skin

- Skin BACT. examination (culture, ID, SENS)
- Fungal culture (general)
- Dermatophyte (direct microscopy/culture)
- Skin Paras./Dermatophyte (direct mic/culture)

Faeces

- Faecal bacteriology (general screen for pathogens + SENS)
- Salmonella* screen
- Other - please specify

Parasitology (LVPD)

Serology and blood screens

- | | |
|--|---|
| <input type="checkbox"/> <i>Neospora caninum</i> | <input type="checkbox"/> <i>Dirofilaria immitis</i> |
| <input type="checkbox"/> <i>Toxoplasma gondii</i> | <input type="checkbox"/> <i>Dirofilaria immitis</i> blood screen* |
| <input type="checkbox"/> <i>Borrelia burgdorferi</i> | <input type="checkbox"/> <i>Ehrlichia canis</i> |
| <input type="checkbox"/> <i>Bartonella henselae</i> | <input type="checkbox"/> <i>Ehrlichia canis</i> blood screen* |
| <input type="checkbox"/> <i>Fasciola hepatica</i> | <input type="checkbox"/> <i>Babesia canis</i> blood screen* |
| <input type="checkbox"/> <i>Leishmania infantum</i> | * Requires 0.5ml EDTA blood |

Faecal analysis

- Screen for worm eggs, coccidiosis, *Cryptosporidium*, *Giardia*
- Lungworm Baermann test
- Lungworm antigen - IDEXX Angio Detect (requires serum)
- Trichostrongylus axei* qPCR (cats only)
- Fasciola hepatica* (faecal egg count reduction test)
- Identification and quantification of *Eimeria* spp. oocysts (rabbits)

Gross specimens/sections/skin scrapings etc.

- Parasite identification

Other (please specify below)

Sample(s) submitted for: Please tick box(es)

- | | |
|---------------------------------------|---|
| <input type="checkbox"/> Bacteriology | <input type="checkbox"/> Histopathology (verso) |
| <input type="checkbox"/> Parasitology | <input type="checkbox"/> Cytology |

For laboratory use only:

Lab. no:

Received:

Veterinary Laboratory Services

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pcwww.liv.ac.uk/vetpathology

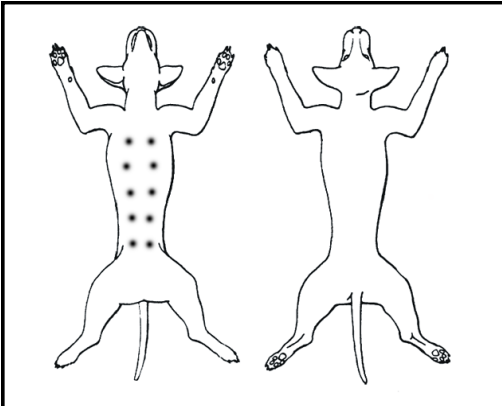
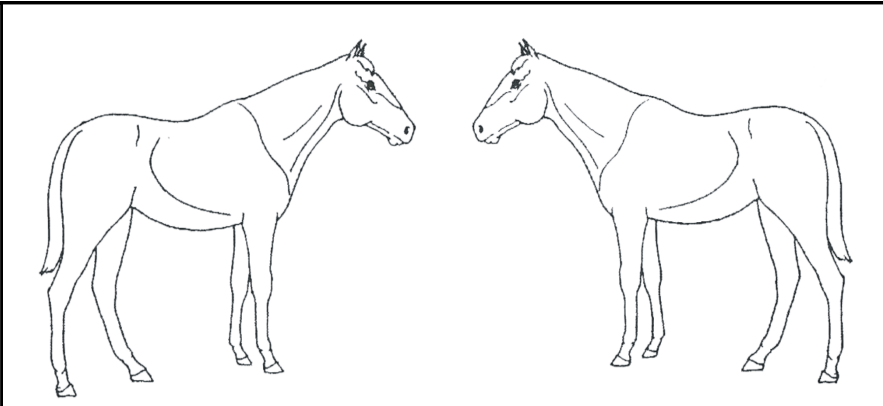
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Email: vpserve@liverpool.ac.uk **Tel. Pathology** 0151-795-6294 **Bacteriology** 0151-794-6118

Parasitology 0151-794-1178

Histopathology: <input type="checkbox"/> <input type="checkbox"/> Cytology: <input type="checkbox"/> <input type="checkbox"/>	For laboratory use only:
	Lab. no: Received:
Please indicate lesion location/distribution of lesion(s): <div style="border: 1px solid black; height: 100px;"></div>	

Lesion Distribution - Please indicate lesion location

			
VENTRAL	DORSAL	RIGHT	LEFT

Microbiology: <input type="checkbox"/> MRSA/MRSP PCR <input type="checkbox"/> <i>Leptospira</i> PCR <input type="checkbox"/> <i>Mycobacterium</i> (on fresh tissue) <input type="checkbox"/> <i>C. perfringens</i> (biotyping, enterotoxin and β^2 toxin detection) <input type="checkbox"/> <i>C. difficile</i> (toxin A, B typing) <input type="checkbox"/> <i>Campylobacter</i> (species identification by PCR)	PCR-based diagnostics turnaround time: 24-36 hours	<input type="checkbox"/> Orthopoxvirus PCR <input type="checkbox"/> Strangles PCR <input type="checkbox"/> Equine Herpes virus (EHV-2, EHV-5) <input type="checkbox"/> Equine Herpes virus (EHV-1, EHV-4) (in development) <input type="checkbox"/> <i>Bartonella</i> spp. (genus specific) PCR
	PCR run for vector born-diseases (<i>Canine Ehrlichia</i> , <i>Leishmania</i> , <i>Mycoplasma haemofelis</i>) also <i>Leptospira</i> spp. Turnaround time: 2-4 hours if samples arrive before 2pm	