UNIVERSITY OF LIVERPOOL

Veterinary Microbiology Diagnostic Laboratory Submission Form

Department of Veterinary Anatomy, Physiology and Pathology, IVES, University of Liverpool, Leahurst Campus
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Email: vetbact@liverpool.ac.uk Tel: Bacteriology 0151-794-6118

Animal details/Patient sticker:

Owner ..... Animal name .....

Species ..... Age .....

Breed ..... Sex .....

Hospital no.....

Vet. Surgeon.....

Practice name .....

Phone .....E-mail .....

Please indicate sample type submitted:

☐ Swab* ☐ CSF
☐ Synovial fluid ☐ Tracheal wash
☐ Faeces ☐ BAL/Tracheal wash
☐ Guttural Pouch Wash ☐ Abdominal fluid
☐ Tissue* (fresh) ☐ Blood
☐ Skin/plucked hairs ☐ Milk
☐ Urine: ☐ Other *
☐Catch ☐Catheter ☐Cysto
*State/Site _____
Date of sampling:_ _____

Clinical signs/brief history (Please specify if any suspicion or risk factors for zoonotic and/or notifiable disease)

Is there any evidence of infection? Please specify.

General Bacteriology and Mycology:

☐ Routine BACTERIOLOGY examination of various specimens including bacterial culture, MALDI-TOF ID and AST (Disc Diffusion or MIC, as appropriate)
☐ General FUNGAL culture & ID
☐ MRSA/MRSP screen (culture only, 1 swab/pooled)
☐ Strangles culture screen (culture & ID only)
☐ Strangles culture screen and *S.equi* MIC
☐ *Bordetella bronchiseptica* culture
☐ *Cryptococcus neoformans* (India ink stain, culture, ID)
☐ Direct smear examination (special stains):
☐ Gram ☐ Ziehl Neelsen ☐ *Helicobacter* spp.
☐ MALDI-TOF ID only
☐ MIC (additional to tests where not included)

Skin

☐ Skin/ear BACT. and fungal examination (culture, ID, SENS)
☐ Dermatophyte (direct microscopy only)
☐ Dermatophyte (direct microscopy, culture and ID)
☐ Skin/ear fungal culture only

Faeces

☐Faecal bacteriology (general screen for *Salmonella* spp, *Campylobacter* spp, *C. perfringens* and *C. difficile*)
☐ *Yersinia* spp.
☐ *Salmonella* spp only screen

AMR phenotypic screening:

☐ Isolate ID **ESBL phenotypic testing**
☐ Isolate ID **CRE phenotypic testing**

PCR-based diagnostics:

□ MRSA/MRSP PCR (*mecA* and/or *mecC*)
□ Strangles PCR
□ *Clostridium perfringens* PCR (toxinotyping, enterotoxin and β2toxin detection)

Molecular detection of antimicrobial resistance:

□ ESBL/pAmpC resistance genes
□ CRE screening of most common CRE resistance genes
□ Combined ESBL/pAmpC/CPE resistance genes screening

Note:
Bacterial/fungal isolates are identified (ID) by MALDI-TOF; ALL positive cultures are reported less than 24h from reception of samples

For laboratory use only:
Lab. no:
Received:

***For Parasitology please contact*:** Liverpool Veterinary Parasitology Diagnostics (LVPD) lvpd@liverpool.ac.uk 0151 794 1178