



Diagnostic Laboratory Services

Effective 1st January 2008

Key to Turnaround Time Symbols:

- | | | |
|---|--------------------|---------------------|
| ○ Same working day, samples received before 3pm | △ 2-4 working days | ▲ 1-2 weeks |
| ● By end of next working day | ■ up to 1 week | □ more than 2 weeks |

Please note: Samples may be used for anonymous surveillance unless consent is withdrawn with sample submission.

Document QS 3/8



FS 55025

MICROBIOLOGY	
<i>Site must be indicated. Charcoal swabs preferred. For best results samples should be no more than 48 hours old.</i>	
Aerobic culture and identification	△
Gram stain (all ear samples routinely for yeasts)	●
Aerobic and anaerobic culture and identification	▲
Antibiotic sensitivity	△
Bacterial culture identification (per species)	△
Blood culture (aerobic and anaerobic culture and identification)	□
Blood culture bottle (phone Customer Services to request)	
CEM (Taylorella, Pseudomonas aeruginosa, Klebsiella pneumoniae) culture with certificate (fine charcoal swab, must arrive within 48 hours of sampling)	■
Copy CEM certificate	
Klebsiella pneumoniae, capsule typing	△
Fungal/Dermatophyte (ringworm) culture	□
Skin scraping/hair pluck microscopy	○
Skin/hair profile (microscopy, dermatophyte culture, aerobic culture)	□
Chlamydia PCR (dry swab) (rt)	▲
MRSA identification	△
Mycobacteria (including ZN stain) >12 weeks (rt)	□
Mycoplasma felis PCR (tracheal/nasal wash)	■
Faecal Analyses and Profiles	
<i>Sample should be sent in a screw-cap universal container</i>	
Faecal culture for Salmonella, Campylobacter and Yersinia	△
Salmonella typing (if isolated) (rt)	□
Enteropathogenic E.coli (rt)	□
Cryptosporidia/Giardia antigen	○
Faecal worm egg count	○
Parvovirus antigen ELISA	○
Rotavirus antigen	○
Occult blood (red-meat free diet for 5 days prior to sampling)	○

rt = referral test

Lungworm larvae	●
Faecal Profiles	
<i>Sample should be sent in a screw-cap universal container</i>	
Canine: (worm egg count, cryptosporidia/giardia, lungworm larvae, faecal culture, aerobic and anaerobic culture, parvovirus)	▲
Feline: (worm egg count, cryptosporidia/giardia, faecal culture, aerobic and anaerobic culture)	▲
Equine: (worm egg count, occult blood, lungworm larvae, faecal culture, aerobic and anaerobic culture)	▲
Strangles Profiles	
<i>Nasopharyngeal swabs should be sent in our Green Top Transport media. Charcoal should not be used for samples requiring PCR.</i>	
Strangles culture (Streptococcus equi)	△
Strangles Nasopharyngeal Swab/Wash Investigation Profile (culture and PCR)	■
PCR requested after culture	■
PCR to differentiate strep equi vaccine strain from wild type	■
<i>Nasopharyngeal swabs with appropriate transport media can be supplied at a cost of £4 each if not returned to us for testing (Free of charge if returned for testing)</i>	
Routine Antibiotics Used:	
Eyes:	Chloramphenicol Fucidin Gentamycin Neomycin
	Polymyxin B Ofloxacin Marbofloxacin Doxycycline
Ears:	Enrofloxacin Framycetin Fucidin Gentamycin
	Marbofloxacin Neomycin Polymyxin B Cephalexin
Pseudomonas isolates:	Carbenicillin Enrofloxacin Gentamycin Oxytetracycline
	Polymyxin B Tribissen Marbofloxacin Ticarcillin
Small Animal Isolates:	Cephalexin Chloramphenicol Clindamycin Lincomycin Enrofloxacin
	Gentamycin Tribissen Synulox if <i>Bordatella</i> is suspected Doxycycline and Oxytetracycline
Urine - Small Animals:	Amoxycillin Clindamycin Enrofloxacin Oxytetracycline
	Tribissen Synulox Nitrofurantoin Cephalexin
Equine Isolates:	Ampicillin Erythromycin Penicillin Oxytetracycline Ceftiofur
	Enrofloxacin Gentamycin Tribissen and if <i>Rhodococcus equi</i> is suspected Rifampin
Urine - Equine:	Ampicillin Ceftiofur Enrofloxacin Gentamycin Tribissen
	Rifampin
Anaerobes:	as above and metronidazole
<i>Additional antibiotics are available if requested.</i>	

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SUPPLIES AVAILABLE	
Return to 602 regulation box to cover handling and postage ●	
General Laboratory Submission Form	Postage-paid Jiffy Label
Multiple Sample Submission Form	Mailing box
Equine Respiratory Submission Form	Absorbent sachets
Immunohistochemistry Submission Form	Slide mailers
Clitoral swab for CEM testing	Horse-size nasopharyngeal swab with transport media*
Universal with buffered formalin	Pony-size nasopharyngeal swab with transport media*
Surgicutt device for Buccal Mucosal Bleeding Time	Bacterial transport medium (green top)*
Blood Culture Bottles (set of 2)	Influenza transport medium (pink top)*
	Viral transport medium (white top)*
<i>Unfortunately we can no longer supply blood tubes.</i>	<i>*No charge for nasopharyngeal swabs to be used for submission of specimens to AHT. Swabs that will not be returned to AHT are charged at £4.00 each. Transport media for swabs is supplied only for submissions to AHT.</i>
Transport Media:	
<i>We provide three different media for different uses. These are:</i>	
<i>Pink Top:</i> Flu Virology The pink top transport medium contains Phosphate Buffered Saline (PBS), Tryptose Phosphate Broth (TPB), Fungizone and Pen/Strep. It is especially suitable to transport samples for flu-investigations, since the TPB stabilises the influenza virus.	
<i>Green Top:</i> Bacteriology & General Virology The green top transport medium contains Phosphate Buffered Saline (PBS), Foetal Calf Serum (FCS) and Fungizone and is suitable to transport samples for bacteriological and general virology investigations.	
<i>White Top:</i> General Virology but not Bacteriology The white top medium contains Phosphate Buffered Saline (PBS), Foetal Calf Serum (FCS), Fungizone and Pen/Strep. It is suitable to transport samples for general virological investigation.	
<i>ALL TRANSPORT MEDIA SHOULD BE KEPT FROZEN</i> <i>Although can be stored at room temperature for a few days. Nasopharyngeal swabs with appropriate transport media can be supplied at a cost of £4.00 each if not returned to us for testing (free of charge if returned for testing).</i>	

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SORRY WE CAN NO LONGER OFFER DISCOUNT FOR ANIMALS BELONGING TO VETERINARY SURGEONS AND THEIR STAFF

HOURS OF BUSINESS 8.30 AM - 5.30 PM MONDAY TO FRIDAY (CLOSED BANK HOLIDAYS)

Weekend: A pathologist is on call to deal with equine post mortems required during the weekend. A virology technician is on call to deal with *urgent* samples for equine serology and virus isolation. An additional fee is charged for this service. Staff are not available to deal with other queries during weekends.

CONTACTS

Diagnostic Services Laboratory Manager

Sue Cade, BSc

Pathology

Tony Blunden, BVetMed FRCPath PhD

Jennifer Stewart DVM MRCVS

Kaspar Matiasek DVM DrMedVet FTApathol FTAneuropath (TG)

Equine Pathology Consultant

Katherine Whitwell, BVSc DipLECVF FRCVS

RCVS Specialist in Veterinary Pathology (equine)

Clinical Pathology

Sue Cade, BSc

Alison Haslam

Immunocytochemistry

Jodi Miller, BSc

Diagnostic Microbiology and Virology

Toni-Ann Hamond, AIBMS

Epidemiology/Outbreak Investigations

Richard Newton, BVSc MSc PhD DLSHTM DipECVPH FRCVS

Annie Cooke, BVetMed MRCVS

Julie Ross MA VetMB DipACVIM MRCVS

Customer Services

Microbiology/Virology: Mahala Richardson

Pathology/Clinical Pathology: Dawn Payani



Registered charity no. 209642

All samples should be sent to:

*Animal Health Trust, Diagnostic Laboratory Services,
Lanwades Park, Kentford, Newmarket, Suffolk CB8 7UU*

Tel: 08700 502426 Fax: 08700 502461

E-mail: diagnostics@abt.org.uk Web Site: www.abt.org.uk