

For Office use only
 Case No:
 Date:
 Initials:

DIAGNOSTIC SURVEILLANCE LABORATORY SUBMISSION FORM - FARM ANIMALS, COMPANION ANIMALS & EQUINE

Samples submitted will be analysed in accordance with AFBI's Terms and Conditions for Animal Disease Diagnostic Services which can be found at <https://www.afbini.gov.uk/articles/sample-submission-terms-and-conditions>

Contact details

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|----------------------|-----------------------------------|
| Vet Practice: | Herd No./Flock/Holding No: |
| Case Vet: | Client's Name and Address: |
| Address: | |
| Tel: | Postcode: |

| Official Animal ID | Sample(s) Submitted | Official Animal ID | Sample(s) Submitted |
|--------------------|---------------------|--------------------|---------------------|
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|---------------------|----------------------|-------------------------------|------|
| Species: | Breed: | Sex: | Age: |
| No. of animals ill: | No. of animals dead: | Total no. of animals at risk: | |

Presenting signs: Abortion/Infertility Diarrhoea/Enteritis Recumbent/Collapse Drop in Milk Yield Ill Thrift Sudden Death
 Respiratory Lameness/Locomotor Mastitis Skin/Dermatitis Nervous Signs
 Other: _____

Vaccination History: BVD IBR RSV PI3 Clostridial Disease (specify) L. Hardjo Botulism Aujeszky's
 Other: _____

I hereby give permission for AFBI Staff to upload the relevant results to AHWNI BVD Eradication database

| | |
|----------------------------|---|
| Additional History: | Previous VSD Ref. (if relevant): |
| | |

PM examinations: Euthanised Died Histopathology only PM exam (carcass only) Viscera (tests as for PM)

Signed: _____ Date of Sampling: _____
Note: This box must be signed. All samples must be accompanied with a signed submission form

Test Packages (C = Clotted Blood, H = Heparinised Blood, E = EDTA, Ox-F = Fluoride Oxalate)

BIOCHEMISTRY/HAEMATOLOGY PACKAGE

Ruminant Comprehensive Profile (C&H)
 Bovine Production Profile (C)
 Ill Thrift Profile (C&H)
 Bovine Mini Profile (C)
 Downer Cow Profile (C)
 Equine Fitness Profile (C&E)
 Liver Profile (C)
 Kidney Profile (C)
 Ovine Copper Poisoning (C&H)
 Pregnant Ewe Profile (C)
 Haematology B (E)

TRACE ELEMENT PACKAGES

Pooled Iodine (max. 6 samples) (C or H)
 Herd/Flock Mineral Profile (C&H)
 Individual Mineral Profile (C&H)

ENTERIC DISEASE PACKAGES

A <2 weeks all species
A >2 weeks all species
B Young Animal
C Young Cattle (inc. blood – C)
D Adult Ruminants
E Bacterial Culture and Johne's PCR
F Adult Cattle (inc. blood – C)
G Pig Enteric Disease

SKIN PACKAGES

Microscopic examination for ectoparasites and ringworm
 Culture for *Dermatophilus* and ringworm
 Microscopic examination for ectoparasites, ringworm & ringworm culture

ABORTION/STILLBIRTH ANTIBODY TESTING (C)

Bovine Package A – Dam's Blood (Brucella, L. Hardjo, Neospora Caninum, BVDV antibody & IBR antibody)
 Ovine Package A (EAE & Toxoplasma)
 Ovine Package B (Ovine A & BDV)
 Porcine Package A (ADV, PRRSV & L. Bratislava)
 Porcine Package B (Porcine A & PPV)

BOVINE RESPIRATORY PACKAGES

A Viral Antibody (Single Sera)
 B Viral Antibody (1st Paired Sera)
 B Viral Antibody (2nd Paired Sera)
 C Viral Antigen Stain (Nasal Swab – Plain or transport media)
 D Virus Isolation (Nasal Swab – Plain or transport media)
 E Viral Antigen Stain, Virus Isolation & Mycoplasma bovis (Nasal Swab – Plain or transport media)
 RSV and PI3 PCR (Nasal Swab or Nasal Mucus)
 RSV, PI3 and IBR PCR (Nasal Swab or Nasal Mucus)

SELECTED INDIVIDUAL TESTS

(C = Clotted Blood, H = Heparinised Blood, E = EDTA, Ox-F = Fluoride Oxalate, H-WB = Heparinised Whole Blood M = Individual Milk, BTM = Bulk Tank Milk, S = Semen, F = Faeces)

BIOCHEMISTRY

Albumin (C)
 ALT (C or H)
 AST (C or H)
 Bile Acids (C)
 BHB (C or H)
 Calcium (C or H)
 Chloride (C or H)
 Creatinine (C or H)
 Copper (H)
 CPK (C)
 GGT (C)
 GLDH (C or H)
 Globulin (C)
 Glucose (Ox-F)
 GPX (Selenium) (H-WB)
 Haemoglobin (H or E)
 LDH (C or H)
 Magnesium (C or H)
 NEFA (C)
 Phosphorus (C or H)
 Potassium (C or H)
 Sodium (C or H)
 Total Protein (C or H)
 Urea (C or H)
 Zinc (H)

MANUAL TESTS

Blood lead (H-WB)
 PII (iodine) (C or H)
 Tissue Copper
 Tissue Lead
 ZST (C)
 Urinalysis
 Faecal occult blood test

BACTERIOLOGY

Basic culture (no sensitivity or serotyping)
 Comprehensive culture (sensitivity +/- typing as appropriate)
Campylobacter culture
Trichomonas and *Campylobacter* culture for AI
Dermatophilus culture
 Ringworm culture
Serpulina spp culture (Swine Dysentery)
 Johne's disease (MAP) PCR (F)
Mycoplasma bovis PCR
Mycoplasma hyopneumoniae PCR
Clostridium botulinum toxin ELISA
Clostridium perfringens toxin ELISA
E. coli K99 ELISA (F)

Please click here for *Clostridium botulinum* toxin ELISA questionnaire or visit <https://tinyurl.com/34bcxfsc>

MASTITIS

SCC (M)
 Bacterial culture & sensitivity as appropriate (M)
Mycoplasma bovis (M, BTM)
MP1: SCC & Bacterial culture & sensitivity as appropriate; (individual quarters) per cow (Herd screen sub clinical) - submit individually labelled quarter samples
MP2: SCC & Bacterial culture & sensitivity as appropriate; per sample (Clinical individual)

VIRUS DETECTION

Please enquire for full range of tests available
 MCF PCR (swabs (preferred), E, H-WB, organs)
 EAE IFAT
 IBR PCR
 Rotavirus ELISA (F)
 Coronavirus ELISA (F)
 BVD Virus Isolation in cell culture
 Other Virus Isolation in cell culture (specify):

BVD

BVD antibody detection (C, H, M, BTM)
 BVD antigen ELISA (>75 days old) (C or H)
 BVD PCR (individual) (C, S)
 BVD PCR (pooled) (C)
 BVD PCR (BTM)
 BVD Ear Notch

PARASITOLOGY

Worm + coccidia + fluke egg count
 Faecal lungworm larvae
 Pooled egg count
 Anthelmintic resistance screening worm egg count reduction test

MAMMALIAN ANTIBODY TESTING

Border Disease Virus (C)
 EAE (C)
 EHV (C)
 IBR (C, M, BTM)
 IBR gE (marker vaccine) (C, M, BTM)
Fasciola hepatica (C, BTM)
 Johne's disease (C, H, M, BTM)
Leptospira Hardjo ELISA (C, M, H, BTM)
Leptospira Bratislava MAT (C, H)
Leptospira Hardjo MAT (C, H)
Icterohaemorrhagiae MAT (C, H)
Leptospira Pomona MAT (C, H)
 Lepto 8 antigen test (C, H)
 Leptospirosis Canine multi antigen test (LCAN6) (C, H)
 Malignant Catarrhal Fever (C)
Mycoplasma bovis ELISA (C)
Neospora caninum (C, M, BTM)
 PI3 (C, M)
 BRSV (C, M)
 Porcine parvovirus (C)
Salmonella Dublin (C, M, BTM)
Toxoplasma gondii (C)
 Ostertagia (M, BTM)



For full range of tests and packages available see current Disease Surveillance (NI) Price list on AFBI website.