

DIAGNOSTIC SURVEILLANCE LABORATORY SUBMISSION FORM - FARM ANIMALS

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>

<p>Case Vet:</p> <p>Vet Practice:</p> <p>Address:</p> <p>Tel:</p>	<p>HERD No:</p> <p>Flock/Holding No:</p> <p><i>Client's Name and Address:</i></p> <p style="text-align: right;">Postcode:</p>
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Animal ID	Sample(s) Submitted	Animal ID	Sample(s) Submitted

Species _____ Breed _____ Sex Male Female Neutered
 Age ____ days / weeks / months / years (tick appropriate) foetus/stillborn
 No. animals ill _____ No. animals dead _____ Total No. animals at risk _____

Presenting signs:

<input type="checkbox"/> abortion	<input type="checkbox"/> diarrhoea/enteritis	<input type="checkbox"/> mastitis sub-clinical (high cell count)	<input type="checkbox"/> ill thrift
<input type="checkbox"/> infertility	<input type="checkbox"/> lameness/locomotor	<input type="checkbox"/> mastitis clinical	<input type="checkbox"/> nervous signs
<input type="checkbox"/> respiratory	<input type="checkbox"/> recumbent/collapse	<input type="checkbox"/> drop in milk yield	<input type="checkbox"/> sudden death
<input type="checkbox"/> skin/dermatitis			

Differential diagnosis _____

Vaccination history: BVDV IBRV BRSV PI3V Clostridial disease (please specify vaccine) L. Hardjo
 Botulism Aujeszky's Other/name(please specify) _____

I hereby give permission for AFBI staff to upload the required results to the AHWNI BVD eradication database.

<p>Additional history, clinical signs, treatment:</p> <p>Additional tests not selected overleaf (see brochure for full details)</p>	<p>Prev. VSD Ref No (if relevant):</p>
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PM Examinations: Euthanised Died Histopathology only

PM Examination (carcass) Viscera (tests as for PM) (Submission times for carcasses Mon-Fri 9.00 am - 4.30 pm)

Signed: _____ Date: _____

TEST PACKAGES (C = Clotted blood, H = Heparinised blood, E = EDTA, OXF = Fluoride Oxalate)

BIOCHEMISTRY/HAEMATOLOGY PROFILES

- Comprehensive (ruminant) (C+H)
- Ill thrift profile (C+H)
- Bovine production profile (C)
- Bovine mini production profile (C)
- Downer cow profile (C)
- Ovine ill thrift profile (C+H) Ovine
- copper poisoning (C+H) Liver
- profile (C)
- Kidney profile (C)
- Pregnant ewe profile (C)
- Haematology B (inc. WCCdiff.) (E)

Trace Element Profiles

- Pooled Iodine (6 samples) (C)
- Herd/Flock mineral profile (C+ H)
- Individual mineral profile (C+ H)

ENTERIC DISEASE

- A <2 wks all species
- A >2 wks all species
- B young animal
- C young cattle (inc blood)
- D adult ruminants
- E Salmonella culture and Johne's PCR
- F adult cattle (inc blood)
- G Pig enteric disease

SKIN PACKAGES

- Microscopic examination for ectoparasites and ringworm
- Culture for *Dermatophilus* and ringworm

BVD HERD CHECK

- Dairy
(Bulk milk tank + 5 sera from homebred, unvaccinated 9-18 month old animals)
- Beef
(10 serum samples, 5 from each of 2 separately managed groups of homebred 9-18 months old animals)

ABORTION/STILLBIRTH

ANTIBODY TESTING (clotted blood)

- Bovine (dam's blood) (*Leptospira* Hardjo, *Neospora caninum*, BVDV antibody, IBR antibody)
- Ovine A (EAE + Toxoplasma)
- Ovine B (Ovine A + BDV)
- Porcine A (ADV+PRRSV+ L. Bratislava)
- Porcine 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)
- D Viral isolation (nasal swab)
- E Viral Ag stain + *Mycoplasma bovis* (nasal swabs)

Virology nasal swabs: use **Viral transport media** or plain swab - not charcoal.

Mycoplasma nasal swabs : use **Mycoplasma transport media** or charcoal swab - not plain.

SELECTED INDIVIDUAL TESTS (See price list or contact laboratory for complete list)

For BVD virus testing >75 days old select BVD antigen (ELISA), ≤75 days old not suitable for ELISA please select BVDV PCR

MAMMALIAN ANTIBODY TESTING (clotted blood)

- (see BVDV section for BVDV tests)
- Border Disease Virus
 - EAE
 - IBR
 - IBR gE (marker vaccine)
 - Fasciola hepatica*
 - Johne's
 - Leptospira* Hardjo ELISA
 - Leptospira* Bratislava MAT
 - Leptospira* Hardjo MAT
 - L. Icterohaemorrhagiae* MAT
 - Leptospira* Pomona MAT
 - Lepto 8 antigen test
 - Malignant Catarrhal Fever (MCF)
 - Mycoplasma bovis*
 - M. hyopneumoniae*
 - Neospora caninum*
 - PI3V
 - BRSV
 - Porcine parvovirus
 - Salmonella* Dublin
 - Toxoplasma gondii*

BACTERIOLOGY

- Comprehensive culture (sensitivity +/- typing as appropriate)
- Basic culture (no sensitivity or serotyping)
- Campylobacter* culture
- Trichomonas* and *Campylobacter* culture for AI
- Ringworm culture
- Dermatophilus* culture
- Swine dysentery culture
- Mycoplasma bovis* PCR(cattle)
- Toxigenic *P. multocida* screen (Atrophic Rhinitis)
- Johne's PCR
- Johne's faecal culture
- Clostridium perfringens* toxins ELISA

PARASITOLOGY

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

VIRUS DETECTION

- (see BVDV section for BVDV tests)
- IBRV FAT (nasal swab, BAL)
 - IBRV PCR (nasal swab, BAL)
 - PI3V FAT (nasal swab, BAL)
 - Rotavirus
 - Coronavirus
 - Virus isolation (please specify)

BVDV

- BVDV antibody detection (C/H)
- BVDV antigen detection (ELISA) (C/H). >75 days old
- BVDV antibody detection + virus detection if antibody negative (C/H)
- BVDV FAT (nasal swab) (virus detection)
- BVDV antibody (individual detection milk sample)
- BVDV antibody (bulk tank detection milk sample)
- BVDV PCR (individual) (C)
- BVDV PCR (pooled) (C)
- BVDV PCR (Bulk tank milk)
- BVDV ear notch

BIOCHEMISTRY

- Albumin (C)
- AST (C)
- BHB (C)
- Bile acids (C)
- Calcium (C)
- Blood copper (H)
- CPK (C)
- Creatinine (C)
- GGT (C)
- GLDH (C)
- Globulin (C)
- Glucose (OXF)
- GPX (Selenium) (H)
- Whole Blood lead (H)
- Magnesium (C)
- NEFA (C)
- Phosphorus (C)
- PII (iodine) (C)
- Pepsinogen (C)
- Plasma Selenium (H)
- Total protein (C)
- Urea (C)
- ZST (C)
- Vitamin E (H)

MASTITIS

- INDIVIDUAL SAMPLES: SCC Bacterial culture + sensitivity as appropriate Mycoplasma (milk)
- MP1: SCC + Bacterial culture + sensitivity as appropriate (individual quarters) per cow (Herd screen sub clinical)
 - MP2: SCC + Bacterial culture + sensitivity as appropriate (per sample) (Clinical individual)

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<https://www.afbini.gov.uk/privacy-notice>

<https://www.afbini.gov.uk/publications/privacy-notice-disease-surveillance-investigation-branch>

MILK SEROLOGY

- IBR conventional
- IBR gE (marker vaccine)
- Johne's (individual)
- Leptospira* Hardjo
- Fasciola hepatica*
- BRSV
- PI3V
- Neospora*