

**DIAGNOSTIC SURVEILLANCE LABORATORY SUBMISSION FORM - FARM ANIMALS**

<b>Case Vet:</b>  Vet Practice: Address:  Tel: _____ Fax: _____	<b>HERD No:</b> <b>Flock/Holding No:</b> <i>Client's Name and Address:</i>   <b>Postcode:</b> _____
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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.**

Additional history, clinical signs, treatment:          Additional tests not selected overleaf (see brochure for full details)	Prev. VSD Ref No (if relevant): _____
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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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**MILK SEROLOGY**

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