

# Production Animal Submission Form



Veterinarian:
Practice:
Owner:
Owner Address:
Clinic Reference:
Species: Bovine    Ovine    Caprine    Porcine    Cervine    Other:
Breed:

Date Sample Collected:	/	/
Animal Name / ID:		
Age:	year(s)	month(s)
Sex:		

Clinical History				
Normal Animal Check	Anorexia	Abortion/Stillbirth	Alimentary System Signs	Skin Lesions/Photosensitivity
Found Dead/Unexpected Death	Diarrhoea/Dysentery	Congenital Abnormalities	Metabolic/Recumbent	Pruritus
Mass Mortality	Ill Thrift/Weight Loss	Genital Lesions	Jaundice	Nasal Discharge
Nervous Signs	Production Drop	Infertility	Lameness	Vesicles/Ulcers of Mouth/Drooling
Respiratory	Weakness/Depression	Perinatal Losses	Stranding	Musculoskeletal Signs
Urinary	Circulatory/Anaemia/Oedema	Mastitis	Lymphoreticular/Lymphadenopathy	Trauma

No. at Risk	No. Affected	No. Dead
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Diagnostic Panels	
Panel breakdown on reverse	
Comprehensive Sick with CBC	● ●
Comprehensive Sick (Biochem only)	●
Ruminant Liver Panel	●
Metabolic Panel	●
Full Recumbent Cow Panel	●
Prog. Recumbent Cow Panel	●
Ruminant FE Monitor Panel	●
Transition Cow Energy Panel	●

Mineral/Trace Element Profiles	
Panel breakdown on reverse	
Drying off Cow Panel 1 (with Liver Biopsies)	● ●
Drying off Cow Panel 2 (serum)	● ●
Milking Cow Panel (serum)	● ●
Young Ruminant Panel (serum)	● ●
+ Add Serum B12 (5 samples)	
+ Add Liver B12 (5 samples)	

Haematology	
Panel breakdown on reverse	
CBC	●
Fibrinogen	●
HCT, HB, RCC, WCC	●
Theileria Panel	●
Theileria Smear Exam only	●

Production Biochemistry	
B12 (Cobalt) - (circle) Liver / Serum	
BOH Butyrate	●
Calcium	●
Copper - (circle) Liver / Serum / Plasma	
Ferroxidase - (circle) Serum / Plasma	
GPx	●
Iodine - (circle) Single/Pooled	●
Magnesium (Serum/Urine)	●
NEFA	●
Pepsinogen	●
Phosphate	●
Selenium - (circle) Liver / Serum / Whole Blood	
Total Protein <2 Weeks (Colostrum Transfer)	●
Total T4	●
Zinc - Liver / Serum (circle)	

Toxicology	
FE Spore Count (Grass/Faeces)	
Nitrate (Plant)	
Lead (EDTA)	●

Previous Case No:

Clinical Particulars (the more information provided helps the diagnosis):

Biochemistry	
Albumin	●
AST	●
Bicarbonate	●
Chloride	●
CK	●
Creatinine	●
GDH	●
GGT	●
Globulin	●
IgG < 3 wks (Colostrum Transfer)	●
Iron	●
Potassium	●
Sodium	●
Total Bilirubin	●
Total Protein	●
Urea	●

Bulk Tank Milk	
BVD Antibody ELISA	
BVD Antigen PCR	
Liver Fluke ELISA	
Ostertagia ELISA	

Serology/Virology	
BVD Antigen (Ag) ELISA	●
BVD Antibody (Ab) ELISA	●
CAE Ab ELISA	●
EBL - Single / Pooled (circle)	●
IBR Ab ELISA	●
Johne's Ab ELISA	●
Leptospirosis MAT (Indicate Serovar/s)	●
Liver Fluke - Single/Pooled (circle)	●
Neospora Ab ELISA	●
Toxoplasma LAT	●

PCR	
More PCR Tests/Panels on reverse	
BVD Ag PCR (circle)	●
Leptospira PCR (Urine)	●
Theileria PCR	● ●
Trichomonas fetus PCR	
Abortion PCR Tests/Panels Overleaf	

Microbiology	
Aerobic Culture	
Aerobic Culture & Sensitivity	
Anaerobic Culture	
Blood Culture	
Milk Culture	
Milk Culture & Sensitivity	
Campylobacter	
Salmonella	
Yersinia	
Fungal Culture	
Zn Stain (Acid Fast Organisms)	

Urinalysis	
Full (Dipstick, SG & Sediment)	●

Parasitology	
Cryptosporidium	
FEC Only (Individual)	
FEC Only (Pooled)	
FEC & Coccidia (Individual)	
FEC & Coccidia (Pooled)	
Liver Fluke Eggs (Individual)	
Liver Fluke Eggs (Pooled)	
Larval Culture	
Lungworm Larval (Individual)	
Lungworm Larval (Pooled)	

Pathology	
CNS Evaluation	
Fetal Examination	
Histology Single Tissue	
Histology Multiple Tissues	
Necropsy	
Vas Deferens	

Calf Diarrhoea	
Panel breakdown on reverse	
<1 Week Panel	
1-4 Week Panel	
>1 Month Panel	
Coccidia	
Coronavirus Ag	
Cryptosporidium	
E coli K99	
Rotavirus	
Salmonella	
Yersinia	

Cytology	
Smear Cytology Site(s):	
Fluid Analysis Site(s):	●
Fluid Micro Culture	●

Containers Received (circle)			
	Small	Medium	Large
Sent	Recd	Samples Submitted	
		Heparin (Green Top)	●
		Fl. ox (Grey Top)	●
		Serum (Red Top)	●
		EDTA (Purple Top)	●
		Slide	
		Citrate (Blue Top)	●
		Fluid (Red Top)	
		Fluid (Purple Top)	
		Swab	
		Urine	●
		Faeces	
		Fresh Tissue	
		Fixed Tissue	
		Hair	
		Milk	
		Other:	

## Production Animal Panel Breakdown *(Panels MUST be requested on front page)*

### Diagnostic Panels:

**Comprehensive Sick Animal Panel:** TP, Alb, Glob, Urea, Creat, CK, AST, GDH, GGT, TBil, BOH, Bicarb, Anion Gap, Ca, Mg, Na, K, Cl, PO4

**Ruminant Liver Panel:** TP, Alb, Glob, GDH, GGT, TBil

**Metabolic Panel:** Alb, Urea, Creat, BOH, Ca, Mg, PO4, NEFAs, Triglycerides

**Full Recumbent Cow Panel:** TP, Alb, Glob, Urea, Creat, CK, AST, GGT, BOH, Bicarb, Anion Gap, Ca, Mg, Na, K, Cl, PO4, Recovery Prog

**Recumbent Cow Monitor Panel:** Urea, Creat, CK, AST, GDH, Ca, PO4, Recovery Prog

**Ruminant FE Monitor Panel:** GGT, Zinc

**Transition Cow Energy Cow Panel:** BOH, NEFAs

### Mineral/Trace Element Profiles:

**Drying Off Cow Panel (with Liver Biopsies):** 10 x Serum Mg, 6 x Liver Cu, 5x Serum Se - *Optional Add On: 5 x Liver or Serum B12*

**Drying Off Cow Panel (Serum):** 10 x Serum Mg, 6 x Serum Cu, 5 x Serum Se - *Optional Add On: 5 x Serum B12*

**Milking Cow Panel (Serum):** 10 x Serum Mg, 10 x BOH, 6 x Serum Cu, 5 x Serum Se - *Optional Add On: 5 x Serum B12*

**Young Ruminant Panel (Serum):** 5 x Serum Cu, 5 x Serum Se, 10 x Serum B12

### Haematology:

**CBC:** Complete Blood Count (Includes Smear Exam, RBC, WBC, Platelets, HCT, Full Diff, Fibrinogen)

**Theileria Panel:** HCT, HB, Theileria Smear Exam

### Calf Diarrhoea Panels:

**<1 Week Panel:** Cryptosporidium, E.coli (K99), Rotavirus, Salmonella

**1-4 Week Panel:** Cryptosporidium, Rotavirus, Salmonella, Coronavirus

**>1 Month Panel:** FEC/Coccidia, Salmonella, Yersinia

## Bovine Abortion Molecular Tests/PCR *(Panels/Tests MUST be requested below)*

**Sample Key:** FHB = Fetal Heart Blood FSC = Fetal Stomach Contents FF = Fetal Fluid TF = Thoracic Fluid

### Bovine Abortion PCR Panels *(Please select tick boxes below)*

<b>Early Term (First to Second Trimester):</b> Neospora, BVDv, Ureaplasma diversum	FSC
<b>Mid Term (Second to Third Trimester):</b> Neospora, Listeria monocytogenes, Listeria ivanovii, Bacillus licheniformis, Ureaplasma diversum	FSC
<b>Late Term (Third Trimester):</b> Neospora, Aspergillus fumigatus, Mortierella wolfii, Ureaplasma diversum, Leptospira	FSC

### Bovine Abortion PCR Tests *(Please select tick boxes below)*

Aspergillus fumigatus	FSC	Listeria ivanovii	FSC
Bacillus licheniformis	FSC	Mortierella wolfii	FSC
BVD virus	FSC, TF, FHB	Neospora caninum	FSC
Leptospira	FHB, FF	Ureaplasma diversum	FSC
Listeria monocytogenes	FSC		



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