

# Production Animal Submission Form

**FORM ID: LAB USE ONLY  
DO NOT COVER**

Veterinarian:
Practice:
Owner:
Company/Farm Name:
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	Febrile	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 & CBC	● ●
Comprehensive Sick (Biochem only)	●
Metabolic Panel	●
Ruminant Liver Panel	●
Full Recumbent Cow Panel	●
Recumbent Cow Monitor 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 & Fib	smear + ●
Fibrinogen	●
HCT, HB, RCC, WCC	●
Theileria Panel	●

Production Biochemistry	
B12 (Cobalt) - (circle) Liver / Serum	
BOH Butyrate	●
Calcium	●
Copper - (circle) Liver / Serum / Plasma	
Ferroxidase - (circle) Serum / Plasma	
GPx	●
Iodine	●
Magnesium (Serum/Urine)	●
NEFA	●
Pepsinogen	●
Phosphate	●
Selenium - (circle) Liver / Serum / Whole Blood	
Total T4	●
Zinc - Liver / Serum (circle)	

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

Previous Case No:
Clinical Particulars (the more information provided helps the diagnosis):

Biochemistry	
Albumin	●
AST	●
Bicarbonate	●
CK	●
Creatinine	●
GLDH	●
GGT	●
IgG < 3 wks (Colostrum Transfer)	●
Potassium	●
Sodium	●
Total Bilirubin	●
Total Protein	●
Total Protein <2 Weeks (Colostrum Transfer)	●
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 (circle) Single / Pooled (9-15 samples)	●
CAE Ab ELISA	●
EBL AB ELISA- 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	●
Toxoplasma Ab Screen LAT (Sheep Only)	●

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

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

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

Pathology	
Fetal Examination	
Histology Single Tissue	
Histology Multiple Tissues	
Histology Multiple Animal Investigation	
Necropsy	
Vas Deferens	

Urinalysis	
Full (Dipstick, SG & Sediment)	●

PCR	
More PCR Tests/Panels on reverse	
Abortion PCR Tests/Panels Overleaf	
A2	ear notch or ●
Border Disease (Hairy Shaker)	●
BVD Ag	ear notch or ●
Freemartin	●
IBR	swab
Leptospira	●
M. bovis	see over
MCF	●
Staph. aureus	milk
Theileria Ikeda	●
Toxoplasma	see over
Tritrichomonas foetus	see over

Cytology	
Smear Cytology Site(s):	
Fluid Analysis Site(s):	

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	
		Ear Notch	
		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, GLDH, GGT, TBil, BOH, Bicarb, Anion Gap, Ca, Mg, Na, K, Cl, PO4

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

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

**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, 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 1 (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 2 (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 RBC, Hb, HCT, Platelets, WBC, Full Diff, Smear Exam, 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, Ureaplasma diversum, BVDv	FSC
<b>Late Term (Third Trimester):</b> Neospora, Aspergillus fumigatus, Mortierella wolfii, Ureaplasma diversum	FSC

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

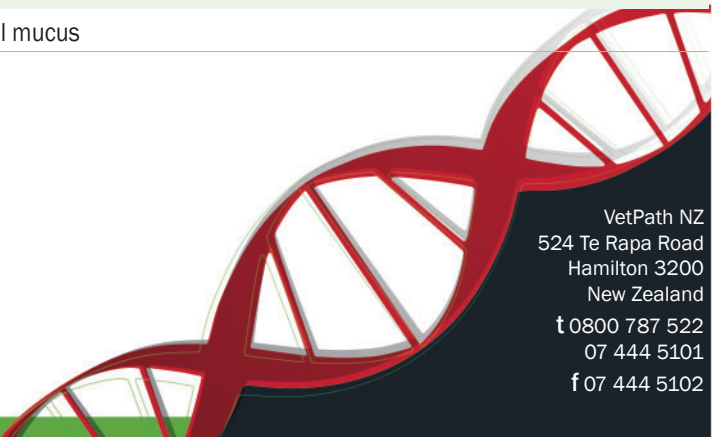
Aspergillus fumigatus	FSC	Listeria ivanovii	FSC
BVD virus	FSC, TF, FHB	Mortierella wolfii	FSC
Leptospira	FHB, FF	Neospora caninum	Brain/FSC
Listeria monocytogenes	FSC	Ureaplasma diversum	FSC

### PCR Sample Requirements:

**M. bovis:** milk, semen, joint fluid, nasopharyngeal swab

**Toxoplasma:** brain, placenta, stomach contents

**Tritrichomonas foetus:** preputial scraping, preputial wash, or vaginal mucus



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