



140 Riverlea Road  
Private Bag 3016  
Hamilton 3240

Phone: 0800 436 362  
Fax 0800 329 436  
animal\_health@lic.co.nz



## VET Sample Submission Form

### Submitter Details

Practice LIC Code  PO Number or Ref

Vet Practice Name

Veterinarian

Vet Practice Address

Fax:  Phone:

Email Address  Print Clearly

Report Results via  Email  Fax  Post

Copy Results to

### Sample Details

Owner or Herd ID

Sampling Date  -  -  Number of Samples

Sample Type  Species

Age (approximate)  Sex **M / F** Breed

Sample/Animal IDs	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

### Test Request Details

BVD PCR  EBL ELISA  IBR ELISA  JOHNE'S ELISA

BVD **Antigen** ELISA

BVD **Antibody** ELISA  FREEMARTIN  A2 Gene Test

Please tick if repeat samples for BVD **PI confirmation** (recommended @ 4 weeks after initial sampling)

**Note:** PI confirmation should only be carried out on a blood sample by BVD **Antigen ELISA**.

### Additional Instructions or Comments

The person signing this form 1) confirms that the samples were collected and stored appropriately, and 2) accepts that Livestock Improvement Corporation Limited will supply all products and services subject to its Conditions and Service Rules. A copy of Livestock Improvement Corporation Limited's Service Rules is available by contacting LIC, Private Bag 3016, Hamilton or otherwise on LIC's website: [www.lic.co.nz](http://www.lic.co.nz).

Signed  Date



## Sample Submission Form

### NOTES



#### Please courier samples to:

**Genemark**  
**140 Riverlea Road**  
**Hamilton 3216**

Phone: **0800 436 362**  
Fax: **0800 329 436**  
Email: **animal\_health@lic.co.nz**

#### Notes:

- For export related testing: Use Export Testing Submission Form  
- contact Genemark
- For bulk milk BVD testing: Use Bulk Milk BVD Test Order Form  
- www.lic.co.nz or contact Genemark
- For BVD PI confirmation: Wait for 3-4 weeks and retest by Antigen ELISA
- For DNA profile & parentage testing: Individual Parentage: Use Parentage Sample Form  
Whole Herd testing: Contact Genemark for booking

Tests	Appropriate sample collection	Test notes and purpose
BVD PCR	10ml serum or EDTA vacutainer (red or purple) Viral RNA may be unstable. Samples should be refrigerated if stored and submitted asap.	For the detection of BVD infection status. BVD PCR and antigen ELISA detect virus in sample.
BVD Antigen ELISA	10ml serum or EDTA vacutainer (red or purple) For tissue samples use Genemark Punch. Samples should be submitted asap but viral antigen is highly stable.	Use Punch AgELISA or PCR for calves <3 months. Positive results indicate BVD infection at time of sampling - usually PI (persistently infected) carrier.  For <b>PI confirmation</b> : Resample after 3-4 weeks and test by <b>Ag ELISA</b> .
BVD Antibody ELISA	10ml serum or EDTA vacutainer (red or purple)	The BVD antibody ELISA determines if an animal has been exposed to BVD. Spot testing of mobs (10-15 samples) may be used to determine if PI contact. Note: Maternal antibodies may persist for 10 months
EBL, IBR and Johne's	10ml serum or EDTA vacutainer (red or purple)	Samples may be pooled for EBL ELISA testing.
Freemartin	10ml EDTA vacutainer only (purple stopper) - heifers only (suspected heterosex twins)	Freemartin testing detects the presence of Y chromosomes in the blood sample.
A2 gene	10ml EDTA vacutainer only (purple stopper) Samples should be submitted asap	A2 testing determines gene variant (home- or heterozygous) for A2 casein production.
<b>Bulk milk tests</b>	- use bulk milk BVD test order form, available at <a href="http://www.lic.co.nz">www.lic.co.nz</a>	
Bulk milk BVD PCR	Nominate dairy company supplier or Chilled fresh bulk milk samples - prevent cross-contamination at all cost	Detects presence of BVD virus in sample. Note: - a single positive result may be due to transient BVD - may be negative if PI cow not in vat at sampling.
Bulk milk BVD Antibody ELISA	Nominate dairy company supplier or Chilled fresh bulk milk samples	Determines level of herd exposure to BVD. BVD PIs in many herds may not be milking PI cow.