

Animal Health Laboratory Sample Submission Form

For milk testing, please use the Bulk Milk BVD Monitoring Pack Order form.

For any parentage testing please use the GeneMark Genomics Sample Submission form found on the LIC website.

Charging details:

| | | | | | | | | |
|--------------------|------------------------------|-------------------------------------|------------------------------|-----------------------------------|----------------------|----------------------|----------------------|----------------------|
| Invoice to: | <input type="checkbox"/> Vet | <input type="checkbox"/> Herd Owner | <input type="checkbox"/> LIC | PTPT Code for charging: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Customer Name: | | | | Phone: | | | | |
| Email: | | | | Email copy of results to: | | | | |
| Number of samples: | | Sampling date: | | Reference/project (vet use only): | | | | |

Herd Information:

| | | | | |
|--|---|--|---|--|
| Herd Name: | Herd PTPT code | | | |
| <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | | | |
| Please clearly identify animal tag type used when animals were sampled: | | | | |
| <input type="checkbox"/> Mangement tags | <input type="checkbox"/> Bull Code (6 digits) | <input type="checkbox"/> AHB Tag (8-13 digits) | <input type="checkbox"/> EID/RFID (15 digits) | <input type="checkbox"/> Beef/Other ID (no MINDA® upload) |
| Birth-ID: PTPT code of animals | | Birth year | | <input type="checkbox"/> Tick if animals are under 35 days old at date of sampling |
| <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | - | <input type="text"/> <input type="text"/> | | |

All BVD results will be uploaded to MINDA to provide animals with a lifetime BVD status:

More information is on the next page.

NOTE: If these animals are about to change ownership or Herd location please DO NOT move animals until you receive BVD results.

Testing Requirements:

BVD - Tissue samples can only be used for BVD Antigen or Tissue BVD PCR. BVD Ag can be tested on both wet tissue sampling units (TSU) and dry TSU's. Tissue BVD PCR can only be tested using dry TSU's.

Johne's Disease - Before submitting blood samples for Johne's Disease testing please ensure there has been no TB testing at least 71 days prior to sampling date.

Tissue

- ☐ BVD PCR - any age animals on dry TSU only
- ☐ BVD Antigen ELISA - animals must be over 35 days. If animals are under 35 days old- the risk is false negative results.

Blood

- ☐ BVD PCR - animals over 35 days
- ☐ Calf BVD PCR - calves under 35 days old
- ☐ EBL ELISA
- ☐ BVD PCR pooled EBL ELISA
- ☐ BVD Antigen ELISA - animals must be over 35 days
- ☐ Johne's Disease - ensure TB test was more than 71 days ago

Comments: (If results need to be ordered by mob, then record mob IDs and batch samples)

| |
|----------------------|
| <input type="text"/> |
| <input type="text"/> |

The person signing this form (1) has the authority on behalf of the legal owner(s) of the animals in question to request the above tests and, (2) confirms that the animals plus their ages were identified correctly and the samples collected and stored appropriately, and (3) accepts that supply of all goods and services by LIC is subject at all times to its current Conditions and Service Rules which may be amended without notice from time to time and are available for viewing on LIC's website www.lic.co.nz

Date:

Signature:

Animal Health Laboratory Sample Submission Form

Allflex Tissue Punch Kits - Ordering

Order Allflex tissue punches by contacting your Agri Manager or by phoning GeneMark on 0800 436 362.

| Tests | Sampling Requirements | Test Information |
|---|--|---|
| BVD Antigen ELISA Virus Test - calves must be over 35 days old. | Tissue: Allflex tissue sample units (TSU's), dry or wet TSU's. Dry TSU's must be stored frozen. Wet TSU's contain a liquid preservative, store in fridge until ready to send to lab. Blood: Red and purple top vacutainers will be accepted. | BVD Antigen ELISA identifies BVD infected cattle, especially persistently infected (PI) carriers in animals over 35 days of age. |
| BVD PCR Virus Test | Blood: Red and purple top vacutainers will be accepted. Calves must be older than 35 days to use this test. | A positive test result indicates BVD infection at sampling, in most cases it is a Persistently Infected (PI) BVD carrier. |
| Calf BVD PCR Suitable for calves under 35 days old | Blood: Red and purple top vacutainers will be accepted. | A positive test result indicates BVD infection at sampling, in most cases it is a Persistently Infected (PI) BVD carrier. |
| Tissue BVD PCR Virus Test- calves of any age | Tissue: Dry Allflex tissue sample units (TSU's) only. Freeze dry punches before sending to the lab. Samples must be free of faecal contamination. | A positive test result indicates BVD infection at sampling, in most cases it is a Persistently Infected (PI) BVD carrier. |
| EBL | Blood: Red and purple top vacutainers will be accepted. | Samples will be pooled but resulted individually for EBL ELISA (EBL samples will be tested individually for export). |
| Johne's disease ELISA | Blood: Red and purple top vacutainers will be accepted. | Before submitting blood samples for Johne's testing please ensure there has been no TB testing at least 71 days prior to sampling date. |

*EDTA blood samples: for optimal sample quality and the most effective sample processing the LIC animal health lab prefers blood samples submitted in EDTA vacutainers (purple top). Invert tubes 3 times directly after sampling to prevent clotting.

BVD results in MINDA

All BVD results will be uploaded to MINDA to provide animals with a lifetime BVD status if they meet the below criteria:

1. The animal ID type must be valid (birth ID, dairy cow tags, NAIT/EID tags, bull code or AHB tag number). The following ID types are not recognised by MINDA: pet names, partial EID's, partial AHB numbers, birth ID's with missing birth years.
2. The animals ID's must be created on MINDA.
3. The animal ID's must be recorded in the correct herd location at the time of sampling. The results will be uploaded to the MINDA account associated with the PTPT code provided in the Herd Information section.
4. The animals must be marked as 'current' in the herd before the sampling date. If animals do leave the herd, please make sure it is recorded after the sampling date.
5. The animals birth date recorded in MINDA must be before the sampling date.
6. The farmer must be registered for MINDA services for the current season.
7. BVD results will only be uploaded to MINDA if requested on the submission form.

Note: EBL and Johne's disease results cannot be uploaded.

BVD status on MINDA

Following testing, animals will be marked as one of the following:

Not Persistently Infected (NPI) - Not a PI carrier. Most recent test was negative. Note: If a normal (Not PI) cow is exposed to BVD infection when pregnant, her calf may be a PI.

Probably Persistently Infected (PPI) - Retest required for PI confirmation. A single positive test result.

Persistently Infected (PI) - Cull A.S.A.P. - This animal has been confirmed a lifelong carrier of BVD and should be culled immediately to help prevent further spread of BVD throughout the herd. There is no cure for BVD.

All samples must be submitted with a signed and dated submission form. Samples without a signed submission form will be withheld from testing until a signed submission form is received.