

## 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 TSU Sample Submission form found on the LIC website.

### Charging details:

Invoice to:  Vet  Herd Owner  LIC PTPT Code for charging:

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

Please clearly identify animal tag type used when animals were sampled:

Mangement tags  Bull Code (6 digits)  AHB Tag (8-13 digits)  EID/RFID (15 digits)  Beef/Other ID (no MINDA® upload)

Birth-ID: PTPT code of animals     - Birth year

Tick if animals are under 35 days old at date of sampling

### MINDA Requirements (BVD Only):

MINDA BVD upload: Please tick this box if MINDA upload is required (all herd records must be up to date before results can be uploaded)

**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	Blood
<input type="checkbox"/> BVD PCR - any age animals on dry TSU only	<input type="checkbox"/> BVD PCR - animals over 35 days <input type="checkbox"/> Calf BVD PCR - calves under 35 days old <input type="checkbox"/> EBL ELISA
<input type="checkbox"/> BVD Antigen ELISA - animals must be over 35 days	<input type="checkbox"/> BVD PCR pooled EBL ELISA <input type="checkbox"/> BVD Antigen ELISA - animals must be over 35 days <input type="checkbox"/> 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)

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) has the authority, by indication on this form, to request the BVD test results/and or status be updated to MINDA records for each animal tested, and (3) confirms that the animals plus their ages were identified correctly and the samples collected and stored appropriately, and (4) 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](http://www.lic.co.nz)

Date:

Signature:

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### 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.

### IMPORTANT REQUIREMENTS FOR MINDA CUSTOMERS:

Only BVD Antigen ELISA and BVD PCR results can be uploaded to MINDA. EBL, Johne's disease and BVD Antibody ELISA results cannot be uploaded.

BVD results may fail to upload to MINDA for various reasons. Please make sure you have met the following requirements to ensure all your results successfully upload to MINDA.

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.

### BVD status on MINDA:

Not NPI (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 PI.

Probably PI (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.**