

## BVD Bulk Milk Monitor Pack Order Form

### Herd Owner Details

Participant Code:     Order No: (Office use only)

Customer Name:

Address:

Phone:

Email:

Agri Manager:

Send Results to Agri Manager

Reports will be sent via email

### Vet Details

Participant Code:     Do not send results to vet

Veterinary Practice:

Veterinarian:

Address:

Phone:

### Order Details

Dairy Company

Supply Number

Specify if the shed  
has multiple vats

BVD Monitor  
Pack

1.

2.

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### Animal Vaccination Status

Please enter the letter R if replacement heifers only have received vaccination  
Please enter the letter W if entire milking herd is vaccinated or O for other.

Brand of vaccine::

### Sample Dates (Required)

Preferred 1st Sample Date (early lactation/before mating)

DAY

MONTH

YEAR

Preferred 3rd Bulk Tank Milk Sample Date (late lactation)

The BVD monitoring pack will be rolled over each season. Please see further details on Rollover Bookings below.

### Notes or Special Instructions

The person signing this form accepts and acknowledges that:

1. He or she is the legal owner or has authority on behalf of the legal owner/s of the animals in question to complete this form
2. The dairy company or companies stated on this form are authorised to provide bulk milk samples to Livestock Improvement Corporation for the purposes of providing the services ordered pursuant to this form and research other disease test products.
3. They have read and understood the terms and conditions expressed overleaf in relation to the Bulk Milk Monitor Pack order form
4. This agreement is subject to LIC's Conditions and Services rules, as amended from time to time. The current Conditions and Services rules are included

Signature:

Print Name:

Date:

## BVD Bulk Milk Monitor Pack Order Form

### Terms and Conditions

Please send completed order forms to: LIC, 140 Riverlea Road, Hamilton 3216 or Email: testyourcows@lic.co.nz.

#### Rollover Booking

As of next year, your Bulk Milk Monitor Pack samples will automatically be booked into LIC's system each year. You will receive an email when the order has been entered and a reminder 4 weeks before your booking date. The emails will contain instructions on how to amend or cancel your booking. If you do not amend or cancel your booking before your booking date, you will be deemed to have accepted this booking. Your samples will then be sent to LIC and tested. You will then receive your report and be invoiced as outlined below.

#### Report Delivery

Test results will be sent by email unless otherwise specified on the order form and separate results will be sent for each vat sample. A copy of the test results will also be sent to the veterinarian or practice named on this order.

#### Invoicing

LIC's Bulk Milk Monitor Pack will be invoiced in full once the test result from the first sample has been reported. Customers will receive additional test results throughout the season, the costs of which are included in the pre-paid package.

#### Bulk Milk BVD Monitoring Pack (Dairy Company vat samples only)

The BVD Bulk Milk Monitoring Pack includes two BVD PCR and three Antibody ELISA bulk milk tests, using three dairy company vat samples collected on three occasions during the supply season. LIC will schedule vat milk sample collections from the dairy company.

#### Turn Around Time

5 working days from when the samples are received in the lab.

**1st sample:** To be scheduled at the end of calving and before mating and will be tested by PCR and Ab ELISA.

**2nd sample:** Automatically scheduled for testing 2-3 weeks later by PCR and Ab ELISA.

**3rd sample:** To be scheduled in later lactation, but at least a month before dry-off - for Ab ELISA only.

#### Single Bulk Milk Sample Testing

If you want a single PCR and/or Ab ELISA, please write required test on form; do not tick Monitor Pack.

#### Dairy Company Vat Sampling

LIC has agreements with the major dairy companies for the use of their vat samples. Sample collection will be scheduled by LIC on the preferred dates specified in the order. However, actual testing dates may vary subject to availability of the vat milk samples from the dairy company. Customers should therefore record animals not milking into the vat 3 days either side of the requested sample date. These animals should be individually tested for BVD to ensure that there is no active BVD infection within the herd for the current season.

#### Multiple Vats

Herds (LIC Participant Code) with multiple milking sheds using more than one dairy company supplier number, should request BVD testing for each supply number. Prices for the bulk milk BVD Monitoring Pack and the individual bulk milk BVD tests are on a per dairy company supplier basis.

A few milking sheds make use of more than one vat which may be collected by multiple tankers. In such cases there may be a risk that part of the herd may not be represented in the vat sample. Please specify the number of vats in such cases.

#### Cautionary Note

Bulk Milk BVD Antibody ELISA

The bulk milk BVD Antibody ELISA measures herd exposure to BVD virus. It is relatively unaffected if some cows are missing on the day of sampling, but aim to have at least 90% of cows in milk.

Herd BVD vaccination may raise antibody levels and affect interpretation of the bulk milk Ab ELISA.

#### Bulk Milk BVD PCR

The bulk milk BVD PCR is a highly sensitive test that detects virus in the milk. To ensure that the test is robust in large herds, LIC has validated the test on herds of up to 1000 cows (with a single PI). The PCR consistently gave positive results, even after diluting the vat samples more than 50 times. However, if a PI cow is not producing milk or has not been milked into the vat on the day of sampling (eg after mastitis treatment), then the PCR will not be able to detect that PI. Similarly the bulk milk PCR will not detect dry-stock PIs such as bulls or replacement heifers.

#### Vaccination Details

This data is optional, but by indicating the vaccinations carried out in the herd, you will assist us to ensure that we can offer you robust disease test products into the future.

**Bulk Milk Test results need careful veterinary interpretation as part of a herd biosecurity program. Effective protection against BVD requires a good understanding of BVD and your herd's situation.**