



140 Riverlea Road
Private Bag 3016
Hamilton 3240

Phone: 0800 436 362
Fax 0800 329 436
animal_health@lic.co.nz



Bulk Milk BVD Monitoring Pack Order Form

(Refer to explanatory notes over page)

Herd Owner Details

Participant Code	<input type="text"/>	Reference or Order	<input type="text"/>
Customer Name	<input type="text"/>		
Address	<input type="text"/>		
	<input type="text"/>		
	Phone		
Email Address	<input type="text"/>		

Result reports will be sent via email, unless otherwise specified. Please select fax or post if preferred:

Fax Fax number Post

Vet Details

Participant Code	<input type="text"/>	(if known)
Veterinary Practice	<input type="text"/>	
Veterinarian	<input type="text"/>	
Address	<input type="text"/>	
	<input type="text"/>	
	Phone	

Order Details

			District Manager	<input type="text"/>
Dairy Company	Supplier No.	BVD Monitor Pack	Extra Information (optional)	
1	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
2	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	
Does the shed have more than one vat? (if so, please specify)			<input type="checkbox"/>	(see note over page)
Preferred Initial Sampling Date			<input type="text"/>	
Preferred Late-Lactation Sample Date (Monitor Pack only)			<input type="text"/>	
Notes or Special Instructions	<input type="text"/>			
	<input type="text"/>			

Vaccinations

Please enter **R** if replacement calves or heifers only, **W** if whole herd, or **O** for other.

BVD brand: Neospora Lepto IBR Rota/Corona/Ecoli

The person signing this form accepts and acknowledges that: (1) he or she is the legal owner or has the authority on behalf of the legal owner/s of the animals in question to complete this form; (2) Livestock Improvement Corporation Limited will supply all products and services subject to its Conditions and Service Rules; and (3) the dairy company or companies being supplied by the animals in question is/are authorised to provide bulk milk samples to Livestock Improvement Corporation Limited for the purposes of providing the services ordered pursuant to this form and to research other disease test products. 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.

Signed

Date



Bulk Milk BVD Monitoring Pack Order - NOTES -



Please send completed order forms to:

Genemark **Private Bag 3016** **Hamilton 3240**
Or fax to: 0800 329 436 Phone: 0800 436 362 animal_health@lic.co.nz

Report Delivery

A copy of the reports with test results will also be sent to the veterinarian or practice named on this order.

Invoicing

The herd owner will be invoiced for the Pack once the test result for the **first** sample has been reported.

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

The BVD 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 collection from the dairy company.

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

2nd sample: It will automatically be scheduled for testing 2-3 weeks later by **PCR** and **Ab ELISA**.

3rd sample: To be scheduled in late 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 AbELISA, 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.

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 you carry out in your 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.