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# PathoProof™ Mastitis PCR Assay

## Reference Application

Biobest Laboratories Ltd, United Kingdom

Biobest Laboratories launched a mastitis testing service based on the PathoProof™ system in the United Kingdom in September 2009. The company considers their new efficiently working testing service to be a significant advancement in mastitis diagnostics benefiting the whole dairy farming industry in the UK.

### Mastitis testing service launched in 2009

Biobest Laboratories Ltd, situated near Edinburgh, provides infectious disease diagnostics for small and farm animal species. Biobest has strong academic and technical experience and the company is highly service-oriented.

Biobest offers mastitis testing service based on Finnzymes' PathoProof Mastitis PCR Assay. The service, called Bactoproof™, has been available since September 2009.

According to Paul Burr, Managing Director of Biobest, Bactoproof is a significant advancement in mastitis diagnosis because accurate and speedy diagnosis is the first step to effective management. Use of the new test will also lead to less wasted milk, says Burr. He believes the test will be of significant benefit in any farm mastitis control programme and hence to dairy farming in the UK.

### Efficient service

The Bactoproof service consists of a sampling kit, laboratory diagnostic service and online reporting of the results with the option of receiving a summary of the results by a mobile phone text message. Results are provided for 11 key mastitis pathogens and the penicillin resistance gene. Results are available within 24 hours of sampling, and all samples received before 9 a.m are tested during the same day. Biobest also has a team of veterinarians available to provide support and advice concerning the test.



The Biobest Bactoproof testing service for mastitis utilizes Finnzymes' PathoProof™ Mastitis PCR Assay.



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