



## VetPCR? LIPV (96RXN)

Numer katalogowy

**VET-A014-96R**

### Opis produktu

#### Lipovnik virus RT-PCR Detection Kit

The genus Orbivirus contains 22 virus species that are vectored by Culicoides midges, ticks, phlebotomine flies and anopheline or culicine mosquitoes. Several tick-borne orbiviruses can infect humans, and these include Kemerovo virus, Tribec virus, and Lipovnik virus (LIPV). The pathogenicity of these viruses for humans is minimal. Dual infections are not uncommon with tick-transmitted encephalitis viruses and orbiviruses.

VetPCR? LIPV Detection Kit is the direct detection of Lipovnik virus on the basis of a genetic database, so it can diagnose very fast and accurately. It can amplify only specific gene using the PCR (Polymerase Chain Reaction) method, and take only 3 hours for detection. Therefore, it is a very fast accurate and reliable technique.

#### Characteristics

Ready to use : only DNA template and D.W. are needed. Easy and speed protocol. Stable for 1 year at -20°C. Time-saving and cost-effective.

#### Contents

| KIT                             | Quantity (48) | Quantity (96) | Package |
|---------------------------------|---------------|---------------|---------|
| VetPCR™ LIPV RT-PCR Premixture  | 1             | 1             | Vial    |
| VetPCR™ LIPV PCR Premixture     | 1             | 1             | Vial    |
| Brig™ RT-PCR solution           | 1             | 1             | Vial    |
| Biotech™ Transcriptase solution | 1             | 1             | Vial    |
| DNase/Rnase free water          | 1             | 1             | Vial    |
| LIPV PCR Positive control       | 1             | 1             | Vial    |
| PCR Negative Control            | 1             | 1             | Vial    |
| PCR Internal Control            | 1             | 1             | Vial    |
| Mineral Oil solution            | 1             | 2             | Vial    |
| Brig™ Molecular Weight marker   | 1             | 1             | Vial    |
| RNA purification kit            | 50            | 100           | Test    |

#### Interpretation of the Test Result

Expected PCR product size : 353bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker

Lane 1~2: LIPV Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control