



## VetPCR? BPI3 (48RXN)

Numer katalogowy

**VET-B012-48R**

### Opis produktu

#### Bovine para-influenzavirus 3 RT-PCR Detection Kit

Bovine respiratory syncytial virus (BRSV) is an RNA virus classified as a pneumovirus in the paramyxovirus family. BRSV infections associated with respiratory disease occur predominantly in young beef and dairy cattle. Initial exposures to the virus are associated with severe respiratory disease; subsequent exposures result in mild to subclinical disease. Unlike other important virus disease of cattle, bovine herpesvirus-1 and bovine virus diarrhea virus, abortion is not a direct result of BRSV infection. BRSV commonly occurs with secondary bacteria, as is often the case with other respiratory virus infections in cattle. Secondary bacterial infections usually result in more severe disease and a poorer prognosis.

VetPCR? BPI3 Detection Kit is the direct detection of Bovine para-influenzavirus 3 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, 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<br>48 | Quantity<br>96 | Package |
|---------------------------------|----------------|----------------|---------|
| VetPCR™ BPI3 RT-PCR Premixture  | 1              | 1              | Vial    |
| VetPCR™ BPI3 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    |
| BPI3 PCR Positive control       | 1              | 1              | Vial    |
| PCR Negative Control            | 1              | 1              | Vial    |
| PCR Internal Control            | 1              | 1              | Vial    |
| Mineral Oil solution            | 1              | 1              | Vial    |
| Brig™ Molecular Weight marker   | 1              | 1              | Vial    |
| RNA purification kit            | 50             | 100            | Test    |

## Interpretation of the Test Result

Expected PCR product size : 264bp



### Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker

Lane 1~2: BPI3 Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control