

Link do produktu: <http://www.novazym.sklep.pl/vetpcr-btv1-96rxn-p-780.html>



## VetPCR? BTV1 (96RXN)

Numer katalogowy

**VET-B007-96R**

### Opis produktu

#### Bluetongue virus 1 RT-PCR Detection Kit

Bluetongue disease is caused by the bluetongue virus, an orbivirus of the Reoviridae family, 24 serotypes have been reported. The virus is transmitted to ruminants via certain species of biting midges (*Culicoides* spp.) and vector control is an important management measure to prevent the spread of this virus. The major symptoms of infection are high fever, excessive salivation, swelling of the face and tongue, and cyanosis of the tongue. Nasal symptoms are common, including nasal discharge and stertorous respiration.

VetPCR? BTV1 Detection Kit is the direct Bluetongue virus 1 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™ BTV1 RT-PCR Premixture  | 1              | 1              | Vial    |
| VetPCR™ BTV1 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    |
| BTV1 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 : 567bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker

Lane 1~2: BTV1 Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control