



## VetPCR? BTV2 (48RXN)

Numer katalogowy

VET-B008-48R

### Opis produktu

#### Bluetongue virus 2 RT-PCR Detection Kit

Bluetongue virus (BTV), an economically important orbivirus of the Reoviridae family, causes a haemorrhagic disease mainly in sheep and occasionally in cattle and some species of deer. BTV is transmitted to ruminants via certain species of biting midges (*Culicoides* spp.). Cattle are particularly significant in the epidemiology of the disease due to the prolonged viraemia in the absence of clinical disease. Clinical signs range from mild to severe and vary not only between species but between breeds and within the flock or herd.

VetPCR? BTV2 Detection Kit is the direct Bluetongue virus 2 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 48	Quantity 96	Package
VetPCR™ BTV2 RT-PCR Premixture	1	1	Vial
VetPCR™ BTV2 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
BTV2 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 : 275bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker

Lane 1~2: BTV2 Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control