

Link do produktu: <http://www.novazym.sklep.pl/vetpcr-bbovis-48d-p-706.html>



## VetPCR? B.bovis (48D)

Numer katalogowy

**VET-B003-48D**

### Opis produktu

### Babesia bovis PCR Detection Kit

Bovine babesiosis is a major tick-borne disease of cattle caused by protozoan parasites (*Babesia* spp). Out of at least six *Babesia* species that have a considerable impact on livestock health and productivity, two species, *Babesia bovis* and *Babesia bigemina* have the greatest affect. *B. bovis* is more virulent than *B. bigemina* and the babesiosis caused by *B. bovis* is less sensitive to some babesiacidal compounds making it difficult to cure the infected animals. Animals that survive from *B. bovis* infection generally become carriers of the parasite and serve as reservoirs for transmission.

VetPCR?B.bovis Detection Kit is the direct detection of *Babesia bovis* 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™ B.bovis Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
B.bovis PCR Positive control	1	1	Vial
PCR Negative control	1	1	Vial
Mineral Oil Solution	1	1	Vial
Brig™ Molecular Weight marker	1	1	Vial
DNA purification kit	50	100	Test

## Interpretation of the Test Result

Expected PCR product size : 238bp



### Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker

Lane 1~2: B.bovis Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control