

Link do produktu: <http://www.novazym.sklep.pl/vetpcr-tcongolense-96d-p-753.html>



## VetPCR? T.congolense (96D)

Numer katalogowy

**VET-B026-96D**

### Opis produktu

#### Trypanosoma congolense PCR Detection Kit

Trypanosoma congolense is a protozoan pathogen of cattle and other livestock and is one of the main constraints on cattle production in Africa. Its life cycle is complex and divided into two phases, one in the tsetse fly vector and one in the bloodstream of the mammalian host. In the bloodstream form, anemia is a clinical feature in human and animal trypanosomiasis. Other symptoms include lymphoid enlargement, loss of condition and immunosuppression with reduced host resistance to secondary infections.

VetPCR? T.congolense Detection Kit is the direct detection of Trypanosoma congolense 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™ T.congolense Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
T.congolense 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 : 351bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker

Lane 1~2: T.congolense Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control