



VetPCR? T.ovis (48D)

Numer katalogowy

VET-B023-48D

Opis produktu

Theileria ovis PCR Detection Kit

Theileriosis, caused by various intra erythrocytic protozoan parasites of the genus *Theileria*, is a tick borne disease of domestic and wild animals. Ovine theileriosis is an important hemoprotozoal disease of sheep and goats in tropical and subtropical regions that leads to economic losses in these animals. *Theileria ovis* is considered as less pathogenic, but clinical disease may occur in stressful situations related to translocation of animals or/and when a host is debilitated by other parasitic organisms or malnutrition.

VetPCR? T.ovis Detection Kit is the direct detection of *Theileria ovis* 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.ovis Premixture | 1 | 1 | Vial |
| PCR Internal Control | 1 | 1 | Vial |
| DNase/RNase free water | 1 | 1 | Vial |
| T.ovis 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 : 319bp

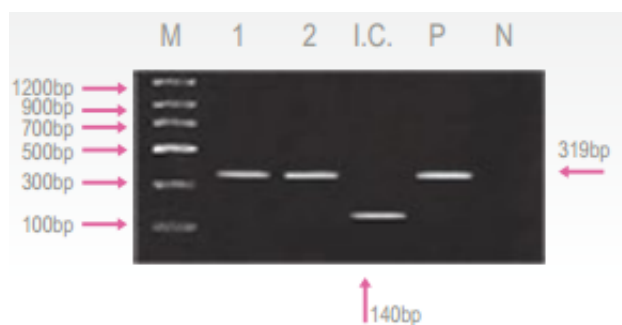


Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker

Lane 1~2: T.ovis Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control