



## VetPCR?C.Coli (96D)

Numer katalogowy

**VET-B028-96D**

### Opis produktu

#### Campylobacter coli PCR Detection Kit

Campylobacter spp. are recognized as the leading human foodborne pathogens in developed countries. Within the genus Campylobacter, the thermophilic species *C. jejuni* and *C. coli* are the most frequently associated with illness, accounting for over 95% of infections. These two species commonly live in the intestinal tract of birds and mammals, including food production animals and pets, without causing clinical signs. Livestock animals carrying Campylobacter pose an important risk for human infection from contamination of carcasses at slaughter, of milk, and water contaminated by livestock wastes and slurries.

VetPCR? C.Coli Detection Kit is the direct detection of Campylobacter coli 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™ C.Coli Premixture     | 1              | 1              | Vial    |
| PCR Internal Control          | 1              | 1              | Vial    |
| DNase/RNase free water        | 1              | 1              | Vial    |
| C.Coli 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 : 234bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker

Lane 1~2: C.Coli Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control