BioIngenTech Ltd.
Genetic Engineering
Molecular Diagnostic Kits

VetPCR? SALMONELLA (48D)

Numer katalogowy	**VET-B014-48D**

Opis produktu

Salmonella spp. PCR Detection Kit

Salmonella are facultative anaerobic, non-spore forming, gram-negative rods of the family Enterobacteriaceae. Animals become infected with Salmonella through a fecal-oral route of transmission. This occurs by eating materials contaminated with feces of an infected animal. The bacteria can live for months to years in warm, wet environments. Signs can include watery, foul smelling diarrhea, abdominal pain and fever. Dehydration and shock can occur and lead to death. Some animals infected with Salmonella may not show signs of illness but shed the bacteria in their feces when they are stressed.

VetPCR? SALMONELLA Detection Kit is the direct detection of Salmonella spp. 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.
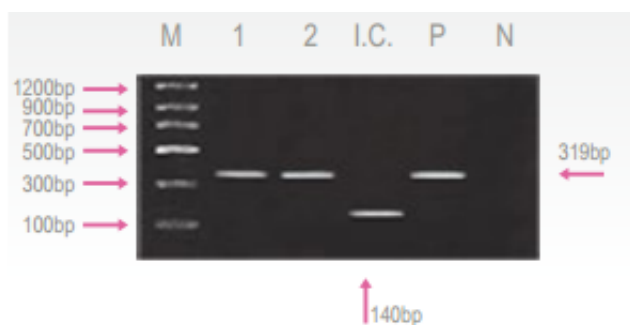
Characteristics
Ready to use : only DNA template and D.W. are needed. Easy and speed protocol. Stable for 1 year at -20?C. Time-saving and cost-effective.

Contents

Kit	Quantity 48	Quantity 96	Package
VetPCR™ SALMONELLA Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
SALMONELLA 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: SALMONELLA Positive samples
Lane I.C.: Internal control
Lane P: Positive control
Lane N: Negative control