



VetPCR? C. psittaci/C. abortus (96D)

Numer katalogowy

VET-S017-96D

Opis produktu

Chlamydophila psittaci/abortus PCR Detection Kit

Chlamydophila psittaci and Chlamydophila abortus are members of the Chlamydiaceae. These microorganisms are obligate intracellular bacterial parasites responsible for a variety of diseases in humans and animals. C. psittaci causes zoonotic pneumonia in humans and systemic disease in birds (avian chlamydiosis), while C. abortus, causes abortion and fetal death in mammals, including humans. C. abortus is mainly hosted by small ruminants (sheep and goats). It also causes abortion in cattle and pigs. Infections with C. psittaci have also been reported occasionally in mammals including dogs, cats, horses, cattle, and muskrats and infections with C. abortus has also been detected in different seabird species.

VetPCR? C. psittaci/C. abortus Detection Kit is the direct detection of Chlamydophila psittaci/abortus 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™ C. psittaci/C. abortus Premixture	1	1	Vial
PCR Internal Control (white cap)	1	1	Vial
DNase/RNase free water	1	1	Vial
C. psittaci/C. abortus 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 : 309bp



Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker

Lane 1~2: C. psittaci/C. abortus Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control