BioIngenTech Ltd.
Genetic Engineering
Molecular Diagnostic Kits

VetPCR? PBFDV (48D)

Numer katalogowy	**VET-A012-48D**

Opis produktu

Psitticine beak and feather disease virus PCR Detection Kit

Psitticine beak and feather disease (PBFD) is a chronic disease characterized by feather dystrophy and loss, beak deformity and ultimately, death. It is caused by a non-enveloped icosahedral DNA virus, the Psitticine beak and feather disease virus. PBFD virus usually infects birds less than 3 years of age. The virus is spread from mother to egg or directly to chicks. Viral particles can be spread in feather dust carried by air currents, dried feces or even on the clothing of human handlers.

VetPCR? PBFDV Detection Kit is the direct detection of Psitticine beak and feather disease virus 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™ PBFDV Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
PBFDV 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 : 395bp

Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker
Lane 1~2: PBFDV Positive samples
Lane I.C.: Internal control
Lane P: Positive control
Lane N: Negative control