VetPCR? H7N1 (96RXN)

Numer katalogowy	**VET-A003-96R**

Opis produktu

Avian influenza virus, serotype H7 RT-PCR Detection Kit

Avian influenza is caused by the Type ?A? influenza virus. This virus can affect several species of food-producing birds (chickens, turkeys, quails, guinea fowl, etc.), as well as pet and wild birds. Avian influenza viruses are divided by subtypes based on two proteins found in the viruses: hemagglutinin, or ?H? protein, and neuraminidase, or ?N? protein. The H5 and H7 subtypes of the virus are of particular concern, given the ability of these two H-types to mutate from low pathogenic to highly pathogenic after they infect domestic birds.

VetPCR? H7N1 Detection Kit is the direct detection of Avian influenza H7N1 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™ H7N1 RT-PCR Premixture	1	1	Vial
VetPCR™ H7N1 PCR Premixture	1	1	Vial
Brig™ RT-PCR solution	1	1	Vial
Biotech™ Transcriptase solution	1	1	Vial
DNase/Rnase free water	1	1	Vial
H7N1 PCR Positive control	1	1	Vial
PCR Negative Control	1	1	Vial
PCR Internal Control	1	1	Vial
Mineral Oil solution	1	2	Vial
Brig™ Molecular Weight marker	1	1	Vial
RNA purification kit	50	100	Test

Interpretation of the Test Result

Expected PCR product size : 212bp

Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker
Lane 1~2: H7N1 Positive samples
Lane I.C.: Internal control
Lane P: Positive control
Lane N: Negative control