VetPCR? NDV (96RXN)

Numer katalogowy	**VET-A009-96R**

Opis produktu

Newcastle disease virus RT-PCR Detection Kit

Newcastle disease is caused by an RNA virus, paramyxovirus-1 (PMV-1), also known as Newcastle disease virus (NDV). NDV is a contagious and fatal viral disease affecting most species of birds. Clinical signs are extremely variable depending on the strain of virus, species and age of bird, concurrent disease, and preexisting immunity. NDV is so virulent that many birds die without showing any clinical signs. A death rate of almost 100 percent can occur in unvaccinated poultry flocks. NDV can infect and cause death even in vaccinated poultry.

VetPCR? NDV Detection Kit is the direct detection of Newcastle 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 4 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™ NDV RT-PCR Premixture	1	1	Vial
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Brig™ RT-PCR solution	1	1	Vial
Biotech™ Transcriptase solution	1	1	Vial
DNase/Rnase free water	1	1	Vial
NDV 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 : 544bp

Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker
 (Bioingentech Ltd.)
Lane 1~2: NDV Positive samples
Lane I.C.: Internal control
Lane P: Positive control
Lane N: Negative control