



## VetPCR? JEV (96R)

Numer katalogowy

**VET-S006-96R**

### Opis produktu

#### **Japanese encephalitisvirus RT-PCR Detection Kit**

Japanese encephalitis, a mosquito-borne arboviral Flavivirus infection, is the leading cause of viral encephalitis in Asia. The disease usually is severe, resulting in a fatal outcome in 25% of cases and residual neuropsychiatric sequelae in 50% of cases. The Japanese encephalitis virus is transmitted by mosquitoes belonging to the Culex tritaeniorhynchus and Culex vishnui groups, which breed particularly in flooded rice fields. The virus circulates in ardeid birds (herons and egrets). Pigs are amplifying hosts, in that the virus reproduces in pigs and infects mosquitoes that take blood meals, but does not cause disease.

VetPCR? JEV Detection Kit is the direct detection of Japanese encephalitisvirus 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™ JEV 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
JEV 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 : 360bp



### Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker

Lane 1~2: JEV Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control