



## VetPCR? SVDV (96R)

Numer katalogowy

**VET-S007-96R**

### Opis produktu

#### **Swine Vesicular Disease Virus RT-PCR Detection Kit**

Swine vesicular disease is a contagious disease of pigs, caused by an enterovirus (Swine vesicular disease virus, SVDV) and characterised by vesicles on the coronary bands, heels of the feet and occasionally on the lips, tongue, snout and teats. Swine vesicular disease can be a subclinical, mild or severe vesicular condition depending on the strain of virus involved, the route and dose of infection, and the husbandry conditions under which the pigs are kept. Its main significance is the strong resemblance to other vesicular diseases, particularly foot-and-mouth disease. Rapid differentiation of these diseases is critical, as the introduction of foot-and-mouth disease could cause severe economic losses in non-endemic regions. In addition, the stability of swine vesicular disease virus in the environment complicates its eradication and makes prompt recognition essential for control.

VetPCR? SVDV Detection Kit is the direct detection of Swine Vesicular 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™ SVDV RT-PCR Premixture	1	1	Vial
VetPCR™ SVDV 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
SVDV 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 : 265bp



### Fig. 1 Result:

Lane M: Brig? Molecular Weight Marker

Lane 1~2: SVDV Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control