



## VetPCR? S.iniae (96D)

Numer katalogowy

**VET-P012-96D**

### Opis produktu

#### Streptococcus iniae PCR Detection Kit

*Streptococcus iniae* is a Gram-positive bacterium and a severe aquaculture pathogen that can infect a wide range of farmed fish species. It causes meningoencephalitis in tilapia, yellowtail, rainbow trout, and coho salmon and has been associated with disease outbreaks in aquaculture farms, with mortality rates of up to 50%. *S. iniae* is also known to be an opportunistic pathogen that can cause fulminant soft tissue infection in humans, such as bacteremic cellulitis, septicarthritis, and endocarditis.

VetPCR? *S.iniae* Detection Kit is the direct detection of *Streptococcus iniae* 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™ <i>S.iniae</i> Premixture	1	1	Vial
PCR Internal Control	1	1	Vial
DNase/RNase free water	1	1	Vial
<i>S.iniae</i> 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 : 151bp



**Fig. 1 Result:**

Lane M: Brig? Molecular Weight Marker

Lane 1~2: S.iniae Positive samples

Lane I.C.: Internal control

Lane P: Positive control

Lane N: Negative control