

White Spot Syndrome Virus (WSSV) Detection Kit (Nested PCR method)

White Spot Syndrome Virus (WSSV) has caused mass mortalities and devastating production losses to shrimp farming in many countries. It is now evident that infected seed is a common source of WSSV infection in shrimp ponds and that PCR screening of seed can significantly reduce the risk of crop failure.

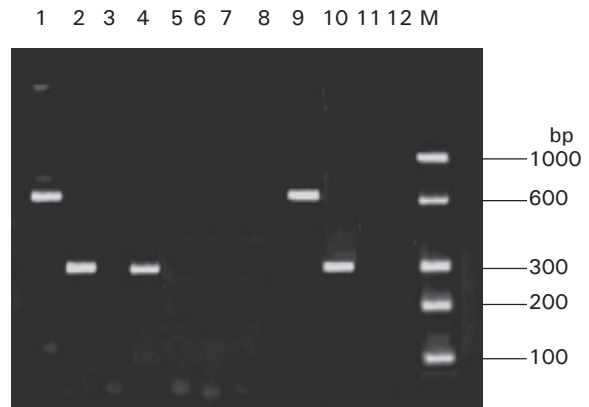
Conventional diagnosis fails to detect early stages of infection. WSSV detection kit, based on Nested PCR method is a sensitive and specific diagnostic tool that can detect infection even at a very early stage.

Highlights:

- Follows nested PCR principle - High sensitivity and specificity of virus detection.
- Detects upto 2 virus particles.
- Fast and simple DNA extraction protocol.
- Convenient aliquots of reagents - Reduced chances of contamination.
- Sterile disposable grinders for sample processing.
- The entire procedure can be completed within 4 hours.

Materials Provided:

- DNA Extraction Buffer
- First PCR Pre-mix
- Nested PCR Pre-mix
- Taq DNA Polymerase
- Positive Control DNA
- Negative Control
- DNA Molecular Weight Marker
- Gel Loading Buffer
- Tissue Grinders, 1.5 & 0.5 ml eppendorf vials
- Disposable Gloves



Legend:

- Lane 1: Sample No.1 First PCR product
- Lane 2: Sample No.1 Nested PCR product
- Lane 3: Sample No.2 First PCR product
- Lane 4: Sample No 2 Nested PCR product
- Lane 5: Sample No 3 First PCR product
- Lane 6: Sample No. 3 Nested PCR product
- Lane 7: Negative control First PCR product
- Lane 8: Negative control Nested PCR product
- Lane 9: Positive control First PCR product
- Lane 10: Positive control Nested PCR product
- Lane 11: Reagent control First PCR product
- Lane 12: Reagent control Nested PCR product
- Lane M: DNA Molecular Weight Marker

Ordering Information:

Catalogue Number	Product	Pack Size
WHITE SPOT SYNDROME VIRUS (WSSV) DETECTION KIT (Nested PCR Assay Method)		
106070	WSSV Detection Kit (for 25 Tests)	1 Kit
106071	WSSV Detection Kit (for 25 Tests) with Gel Electrophoresis consumables	1 Kit
106072	WSSV Detection Kit (for 50 Tests)	1 Kit
106066	WSSV Detection Kit (for 100 Tests)	1 Kit
106067	WSSV Detection Kit (for 100 Tests) with Gel Electrophoresis consumables	1 Kit
106068	WSSV Detection Kit (for 200 Tests)	1 Kit