

TESTIMONIAL FOR NEVIZH PVT. LTD.

We have been consistently utilizing Nevizh Pvt. Ltd. for PCR-based disease diagnosis for shrimp samples from our hatchery, and the experience has been exceptional.

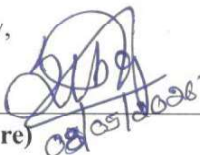
We are particularly impressed by their diagnostic platform, Bhogarscore™. The integration of a mobile application for accessing tamper-proof results provides a level of transparency and convenience that is rare in the industry.

Additionally, their proprietary Nevizh™ Sampler is a game-changer. It is incredibly user-friendly and streamlines the transport process by allowing us to send specific samples rather than the whole animal. This innovation is a significant step forward for biocontainment and farm safety.

The clarity of their PCR reports is also noteworthy. Beyond providing standard 'Positive' or 'Negative' results with raw data, they provide us with the isolated genomic DNA from the test samples. This practice is incredibly helpful for cross-verification and allows us to maintain reliable reference samples on-site.

In our experience, the molecular diagnostic services provided by Nevizh Pvt. Ltd. for shrimp farms and hatcheries are both innovative and highly accurate. We appreciate the dedication of the Nevizh team to advancing aquaculture diagnostics.

Sincerely,


(Signature)

Nithin S

In charge - HR/Admin

Royal Hatcheries

Kanathur, Angalamman Kuppam, Koovathur Post,

Chengalpet District, Tamil Nadu - 603 305



BhogarScore™

Adding Transparency and Confidence to Shrimp Disease Diagnosis

REPORT ON PCR ASSAY

SAMPLE DETAILS

Sample type Pacific white shrimp (Female
spawner shrimp) – SIS Hardy Line
Sample number **BS3004202602**
Source of the sample **Mr. Giri, Royal Hatcheries,
Koovathur.**

LABORATORY REFERENCE

Samples received on 29 April 2026
Doc N/A
Count 83 grams
Test Completed on 30 April 2026

TESTS DONE

First Round PCR			Second Round Nested PCR			DNA Sequence Confirmation	
WSSV	EHP	AHPND	WSSV	EHP	AHPND	WSSV	EHP
N/A	Done	N/A	N/A	N/A	N/A	N/A	N/A

RESULTS SUMMARY

TEST	RESULTS
EHP	Negative

RESULTS INTERPRETATION REFERENCE

Results	Description / Interpretation
Positive	Strong, clear band at expected size.
Weak Positive	Faint band at expected size; confirmatory test suggested.
Negative	No band or only non-specific bands (not at the expected size). This indicates the absence of the pathogen or a target load below the assay's detection threshold. Note: For confirming sample quality and the validity of PCR, refer to internal controls.
Inconclusive	Degraded DNA & failed internal control band, or ambiguous results.

NEVIZH Pvt. Ltd.

No. 20, Aquatic Rainbow Mall, Krishna Nagar, Madhavaram Milk Colony, Chennai – 600051
Phone: 9445352288 | E-mail: reach@nevizh.com | Web: www.nevizh.com

PROCEDURE SUMMARY

- 50 milligrams of shrimp minced hepatopancreas and pleopods are taken.
- Genomic DNA was isolated using the internal Standard Operating Procedure.
- Polymerase chain reaction was carried out using NEB Taq DNA polymerase as per the internal Standard Operating Procedure.
- Number of cycles for amplification of the target gene fragment: 40 cycles.
- PCR product resolved using agarose gel (1%) electrophoresis.

GEL LOADING CONCENTRATION/VOLUME

DNA ladder	PCR amplicon
1 µg per lane – NEB 1Kb Plus ladder	10 µL

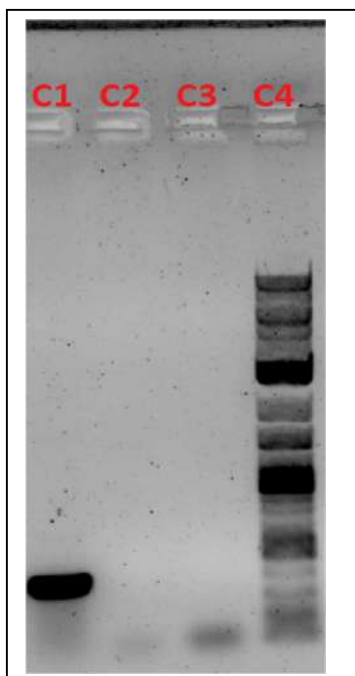
AMPLICON SIZE

Name of Target Gene	Size	Unit
Actin gene fragment	401	Base pairs
EHP gene fragment	374	Base pairs

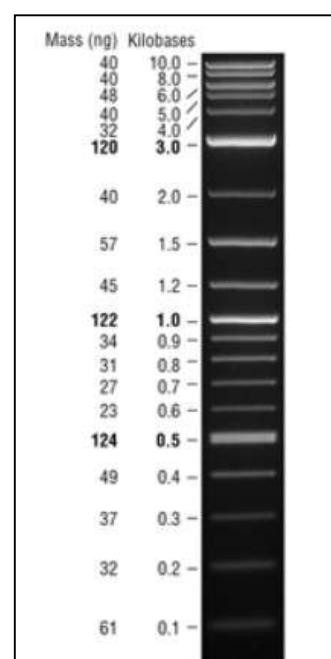
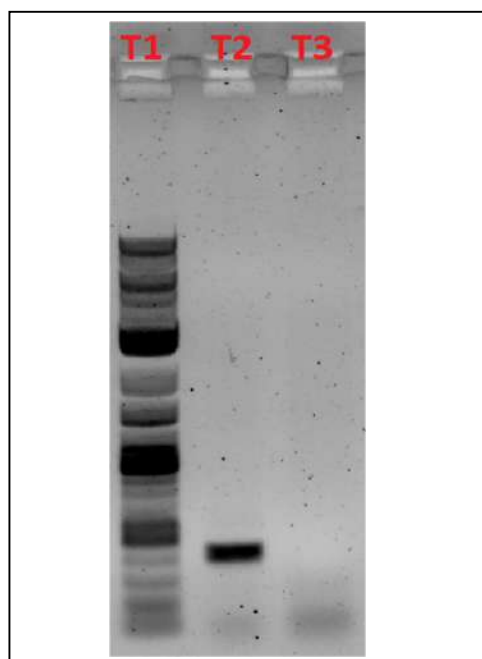
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RESULTS



LANE LEGEND



Control Samples – SHARED CONTROLS.

Lane C1	Lane C2	Lane C3	Lane C4
EHP positive control	Actin NTC	EHP NTC	NEB 1Kb Plus DNA Ladder

Test Samples

Lane T1	Lane T2	Lane T4
NEB 1Kb Plus DNA ladder	Actin test	EHP test

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ABBREVIATIONS

NTC	No template control
EHP	<u>Enterocytozoon hepatopenaei</u>
WSSV	White Spot Syndrome Virus
bp	Base pairs
PCR	Polymerase Chain Reaction
PL	Post larva
gDNA	Genomic DNA
SOP	Standard Operating Procedure
μL	Microliter
μg	Microgram
NEB	New England Biolabs
Taq	<u>Thermus aquaticus</u>

**** End of the report ****

DISCLAIMER

This report is intended for research, screening, and internal decision-making purposes, and is based on standardized protocols developed and validated by our laboratory team at Nevizh Pvt. Ltd. and Eiyarkai Three Life Sciences LLP. It reflects our commitment to reliable and consistent quality through robust internal quality controls.

Please note that while these results are produced with scientific diligence and technical care, this report is not designed for use in official regulatory submissions or certification processes that require government or third-party accreditation.

We encourage clients who require certified results for official or compliance purposes to consult the relevant authorities or accredited bodies as per regulatory guidelines. For all other purposes, this report offers a dependable reference point grounded in our technical expertise and laboratory best practices.

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