



Payment Structure for the Diagnostics services provided by Central Aquaculture Pathology & Genetics Laboratory



Package No.	Test Description (s)	Total amount (In Rs.) Inclusive of GST
PCR Analysis		
1.	Diagnosis of WSSV, IHNV, AHPND, EHP, NHP-B, TSV, YHV, IMNV, MBV, CMNV, Irido virus, SHIV, TiLV & VNN by Real Time PCR / Per Test	1500
2.	Diagnosis of WSSV, IHNV, AHPND, EHP, NHPB, TSV, YHV, IMNV, MBV, HPV, MoV, LSNV, SMV, RLB-TAN & MAD, PvNV, MrNV, TiLV & CMNV by Standard PCR / Per Test	1200
3.	Package of PCR test(s) for Seed/Broodstock sample / Per sample (WSSV, EHP, AHPND/EMS, IHNV, IMNV by Real Time PCR)	5500
4.	Identification of <i>Aeromonas hydrophila</i> , <i>Vibrio parahaemolyticus</i> , <i>V. alginolyticus</i> , <i>V. vulnificus</i> , <i>Photobacterium damsela subsp. piscicida</i> & other bacterial pathogens by Standard PCR / Per bacterial isolate	1200
PCR & Seed Health Analysis Packages		
5.	Package of PCR tests for Seed sample (WSSV, EHP, AHPND & IMNV by Real Time PCR) & Shrimp Seed health analysis	5000
6.	Package of PCR tests for Seed sample (WSSV & EHP by Real Time PCR) & Shrimp Seed health analysis	3000
Bacteriological Analysis (Spread plate method)		
7.	Total heterotrophic bacterial/Vibrio count for Crustacean/Finfish	200
8.	Total heterotrophic bacterial/Vibrio count for water sample	100
Water Quality Analysis		
9.	Water quality analysis (pH, Salinity, Ammonia, Nitrite, Nitrate, Total Hardness, Total Alkalinity, Carbonate, Bicarbonate, Calcium & Iron)	150
10.	Package of tests (Total vibrio count and Water Quality analysis) for Water sample	200
Shrimp Seed Health Analysis		
11.	Shrimp Seed health analysis	500
Histopathological analysis of Crustacean/Finfish samples		
12.	Adult sample (Processing, Embedding, Sectioning and Staining)	600
13.	Juvenile to sub adult (Processing, Embedding, Sectioning, Staining and observation) Per one set of sample (approx. 5 no's)	1200
14.	Post larvae to Juvenile (Processing, Embedding, Sectioning, Staining and observation) Per one set of sample (approx. 5 no's)	1200
Genetics Laboratory Services		
1.	Partial gene sequencing (~800 bp) from tissue sample (includes DNA extraction, PCR, PCR product clean-up and sequencing) Per sample/single (Forward/Reverse) sequencing reaction	1500
2.	Partial gene sequencing (~800 bp) from tissue sample (includes DNA extraction, PCR, PCR product clean-up and sequencing) Per sample/both Forward & Reverse sequencing reaction	2000
3.	Partial gene sequencing (~800 bp) from purified PCR product (includes PCR product clean-up and sequencing) Per sample/sequencing reaction	750
4.	Bacterial/fungal isolate identification by 16s/18s RNA PCR and sequencing /per isolate	2000
5.	Mud crab species identification (NABL scope) per sample	3000
6.	RAPD analysis for 08 samples with one markers (minimum) Addition each sample will cost Rs. 250 + 18% GST	3000
7.	PCR-RFLP analysis for 03 samples with one enzyme (minimum) Addition each sample will cost Rs. 250 + 18% GST	3000

Procedure for sample fixation, preservation & estimated Turn Around Time (TAT)

Test Services	Samples	Fixative	TAT
Partial gene Sequencing	Tissue	95% Ethanol	6 - 7
Partial gene Sequencing	PCR Product	TE Buffer/DH2O	3 - 7
Bacterial/fungal identification	Pure culture	In Slants/Plate	3 - 7
PCR analysis for pathogens	Organs/tissue/Feces/Seed	95% Ethanol	1 - 5
Microbiology	Water/Crustacean/Finfish	Live /Frozen	2 - 4
Water quality analysis	Water	Within 3 hrs from collection	1 - 2
Shrimp Seed analysis	Shrimp Post larvae	Live	1 - 2
Histology – Fish	Whole animals/organs	10 % Neutral buffered formalin	10 - 15
Histology - Crustaceans	Whole animals/organs	Davidson's fixative	10 - 15

Please note that-

1. Before sending the sample consult laboratory for details regarding sampling, fixation and sending.
2. Sample should be sent in airtight/leak proof plastic container or tubes (avoid glass containers) in fixed condition.
3. Samples for water quality, seed health and bacteriology analysis should be submitted by person only
4. Samples may be submitted to laboratory preferably by India Speed Post or any authorized courier service with tracking.

All test payments should be paid through Net banking/ Debit card (ATM) or Credit card only, Cash is not accepted

For more details, please contact:

Project Manager

Central Aquaculture Pathology & Genetics Laboratory

NABL Accredited Lab as per ISO/IEC 17025:2017

Rajiv Gandhi Centre for Aquaculture (RGCA)

The Marine Products Export Development Authority (MPEDA)

3/197, Poompuhar Road, Karaimedu, Sattanathapuram P.O.,

Sirkazhi-609109 Nagapattinam Dist., Tamil Nadu, India.

Web: www.rgca.org.in

Payment can be made through Net Banking

State Bank of India (SBI)

RGCA Account Number: **10948711219**

SBI Mayiladuthurai IFSC code - **SBIN0000875**

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