



Central Institute of Fisheries Education
Institute Technological Management Unit (ITMU)
CIFE Old campus
Mumbai- 400061
Website: www.cife.edu.in



Specialised services

ICAR – Central Institute of Fisheries Education, Mumbai offers PCR testing services for screening of RNA and DNA virus in fish samples. The service is offered by the AEHM Division, CIFE on payment basis. The charge will be applied from 18.04.2019.

The PCR Testing is available for screening of following pathogens

| S. No | Pathogens of shrimp | Method (PCR based)/charges |
|---|--|--|
| 1 | White spot syndrome virus (WSSV) | Single PCR(Rs. 700) & Nested/ RT PCR (Rs. 1000) |
| 2 | Infectious hypodermal and hematopoietic necrosis virus (IHHNV) | Single PCR(Rs. 700) |
| 3 | Infectious myonecrosis virus (IMNV) | Nested/ RT PCR (Rs. 1000) |
| 4 | Monodon baculovirus (MBV) | Single PCR(Rs. 700) & Nested/ RT PCR (Rs. 1000) |
| 5 | Hepatopancreatic necrosis virus (HPV) | Single PCR(Rs. 700) |
| 6 | <i>Enterocytozoon hepatopenaei</i> (EHP) | Single PCR(Rs. 700) & Nested/ RT PCR (Rs. 1000) |
| Pathogens of fish | | |
| 1 | Tilapia lake virus (TiLV) | Nested/ RT PCR (Rs. 1000) |
| 2 | Necrosis necrosis virus (NNV) | Nested/ RT PCR (Rs. 1000) |
| 3 | Red seabream iridovirus | Single PCR(Rs. 700) |
| 4 | Megalocytivirus | Single PCR(Rs. 700) |
| PCR for human pathogenic bacteria and viruses in seafood | | |
| 1 | <i>Salmonella enterica</i> | Single PCR(Rs. 700) |
| 2 | Pathogenic <i>E. Coli</i> | Single PCR(Rs. 700) |
| 3 | <i>Cronobacter sakazaki</i> | Single PCR(Rs. 700) |
| 4 | <i>Archaea</i> | Single PCR(Rs. 700) |

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| | | |
| 5 | <i>Arcobacter butzleri</i> | Single PCR(Rs. 700) |
| 6 | <i>Vibrio cholera</i> | Single PCR(Rs. 700) |
| 7 | <i>Vibrio parahemolyticus</i> | Single PCR(Rs. 700) |
| 8 | <i>Listeria monocytogenes</i> | Single PCR(Rs. 700) |
| Enteric viruses | | |
| 1 | <i>Norovirus</i> | Nested/ RT PCR (Rs. 1000) |
| 2 | <i>Hepatitis A virus</i> | Nested/ RT PCR (Rs. 1000) |
| 3 | <i>Adenovirus</i> | Single PCR(Rs. 700) |

*18 % GST is chargeable