

**Southeast Asian Fisheries Development Center**

**Aquaculture Department**

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01 SEAFDEC/AQD Publications

Brochures and flyers

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2024

# Fish Health Laboratory Services

Aquaculture Department, Southeast Asian Fisheries Development Center

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SEAFDEC Aquaculture Department. (2024). Fish Health Laboratory Services [Brochure].

Tigbauan, Iloilo, Philippines: Author.

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<http://hdl.handle.net/10862/6548>

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## References

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- 2 Bacteriological Analytical Manual. US FDA. (online) [fda.food/gov/laboratory](http://fda.food/gov/laboratory)
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AQUACULTURE DEPARTMENT

Southeast Asian Fisheries Development Center

# FISH HEALTH LABORATORY SERVICES



Bacteriology



Histopathology



PCR-based pathogen  
detection

**For method of sampling and schedule of  
sample submission, contact:**

Fish Health Section  
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## Bacteriology

Bacterial count (for water, crustaceans, fish fingerlings and juveniles, soil)

Test	Fee (per sample)
Aerobic plate count, Luminous bacterial count, and Presumptive Vibrio count <sup>1,2</sup>	Php 300
<i>Vibrio parahaemolyticus</i> , <i>Vibrio cholerae</i> , and <i>Vibrio alginolyticus</i> <sup>1,2</sup>	Php 150

Test	Fee (per sample)
Aflatoxin detection <sup>3</sup> (feeds, grain, oil, animal tissue)	Php 500
Parasite detection/identification	Php 150
Bacterial identification (conventional method)	Php 750
Shrimp larval monitoring	Php 250



## Histopathology

Service	Fee (per slide)
Typical section <sup>4,5</sup>	Php 300
Serial section <sup>4,5</sup>	Php 300



## PCR-based pathogen detection

Test	Fee (per sample)
<b>Shrimp pathogens</b>	
White spot syndrome virus (WSSV) <sup>6</sup>	Php 900
Infectious hypodermal and hematopoietic necrosis virus (IHHNV) <sup>6</sup>	Php 900
Taura syndrome virus (TSV) <sup>6</sup>	Php 1,000
Yellow head virus (YHV) <sup>6</sup>	Php 1,000
Gill associated virus (GAV) <sup>6</sup>	Php 1,000
Infectious myonecrosis virus (IMNV) <sup>6</sup>	Php 1,000
Monodon baculovirus (MBV) <sup>6</sup>	Php 900
Hepatopancreatic parvo virus (HPV) <sup>6</sup>	Php 900
White tail disease <ul style="list-style-type: none"> <li>Extra small virus like particles (XSV) <sup>12</sup></li> <li><i>Macrobrachium rosenbergii</i> nodavirus (MrNV) <sup>13</sup></li> </ul>	Php 900
Shrimp microsporidian parasite <ul style="list-style-type: none"> <li><i>Enterocytozoon hepatopenaei</i> (EHP) <sup>6</sup></li> </ul>	Php 900
Quantification of WSSV and IHHNV in soil or tissue <sup>7,8</sup>	Php 3,000
Acute hepatopancreatic necrosis disease (AHPND) <sup>9</sup>	Php 900
<b>Fish pathogens</b>	
Koi herpes virus (KHV) <sup>6</sup>	Php 900
Spring viraemia of carp virus (SVCV) <sup>6</sup>	Php 1,000
Viral nervous necrosis (VNN) <sup>6</sup>	Php 1,000
Iridovirus (red seabream iridovirus/RSIV) <sup>10</sup>	Php 900
Tilapia lake virus (TiLV) <sup>11</sup>	Php 900