

# SAMPLING GUIDE

## LICEADVISOR

**Proper sample collection and processing of the samples is essential to ensure the best possible quality of the analyses. This guide contains PatoGen guidelines for sampling and handling of sea lice for Real-Time PCR assays.**

By arrangement PatoGen can assist sampling or training of staff in procedures for sampling.

### **PatoGen sample collection kit for sea lice**

This kit has been developed as a part of the quality assurance of our analyses. The kit contains sample tubes with preservative solution (ethanol), tweezers, cold pack and padded envelope for secure shipment to the laboratory.

We recommend using the provided preservative solution to ensure optimal sample quality. If an alternative preservative is used it must contain at least 70% alcohol and be free from undesirable additives, such as perfumes or other chemicals that may affect the analysis. Our experience has shown that good preservation can be achieved with various types of alcohol, provided that the concentration is sufficiently high.

It is also possible to use RNA later, but this a more expensive option.

### **Sampling**

The sampling must contain minimum 30 sea lice (*Lepeophtherius salmonis*). Place the sea lice in test tubes from PatoGen, about 30 sea lice per tube.

Only whole sea lice will be analysed.

Information that must accompany the submission is the completed requisition form.

### **Storage and shipping**

After sampling the tubes are stored in the refrigerator. The samples are sent to PatoGen with a frozen ice pack in bubble wrap envelope from the sample collection package.

Send the package as express over night to the address below. Send tracking number to [sample@patogen.no](mailto:sample@patogen.no) or +47 70 11 69 00.  
<https://patogen.no/nb/sending-samples/>

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