

# SAMPLING GUIDE

## OVARIAN FLUID AND MILT



**Correct sampling procedures and treatment of the tissue samples are important to ensure optimal quality of the analyses. This user manual contains PatoGen's recommendations on how to ensure optimal quality of samples for Real-Time PCR analyses.**

We recommend that the tissue sampling is done by experienced staff. PatoGen will be happy to answer any questions regarding sampling procedures. For statutory analyses samplings shall be performed by an authorized veterinarian, fish health biologist or a designated helper.

### **PatoGen Sample Collection Kit:**

Consists of pre-labelled tubes without RNAlater™, cooler brick/gel ice pack, and packaging for transport of the samples to our laboratory. The system is developed to prevent interchange of samples and ensure good quality of the sample tissue that is submitted to PatoGen's laboratory. The kit can be stored at room temperature until use.

### **Preparation**

Before sampling and submission, you should have access to:

- Pipettes for distribution of milt/ovarian fluid on test tubes
- Disposable cups for collecting samples when stripping milt - ovarian fluid samples should preferably be taken from the bucket after stripping
- PatoGen sample collection kit

### **Sterile technique**

Use sterile techniques when collecting the samples to avoid contamination between the different samples taken from different fish. Change the pipette tip for each fish.

### **Sampling**

Samples should be taken from homogeneous solution (milt or ovarian fluid), so take the test as soon as possible after stripping. If the samples are not transferred to the PatoGen sampling tubes immediately after stripping you should be aware of layering, and stir or shake gently before sample collection. Milt samples should be at least 300 uL, and samples of ovarian fluid should be at least 600 uL. Always start the sampling on test tube A01 and continue down to B01, C01 and so on.

### **Registration of information**

Register the sampling in Patolink or note details about the samples on the requisition form following the kit. Contact us if you have any questions regarding access to or use of Patolink. All samplings registered in Patolink gets one day shorter delivery time - 4 working days as opposed to normally 5 working days.

### **Storage of the samples before shipment**

When the test tubes have been used they should be put on ice/cooler continuously. Fresh samples must be sent to PatoGen as quickly as possible, without delay. Since the samples are fresh they can not be frozen.

### **Shipment**

If the whole kit is not used, the test tubes can be removed and placed in a plastic bag. The rest of the kit can then be used in the next sampling. The samples should be sent to PatoGen with a cooling brick/ice pack. Send the package by express shipment to the address below. Send the tracking number to [sample@patogen.no](mailto:sample@patogen.no) or +47 957 07 910.

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