

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.

Equipment

- Disposable gloves
- Pipettes for distribution of milt/ovarian fluid on test tubes
- Disposable cups for collecting samples when stripping milt and 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. Use disposable gloves and change the pipette tip between samples from each fish to prevent cross-contamination.

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 µl, and samples of ovarian fluid should be at least 600 µl. Sampling should always start with test tube A01, and continue down the row to B01, C01 and so on.

Registration of information

Register the sampling in Patolink. Contact us if you have any questions regarding the use or access to Patolink.

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 or +47 957 07 910.

<https://patogen.no/sending-samples/>

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