

## BACTOPROFILE PROTOCOL

To ensure high-quality analyses, proper sample collection and handling are crucial. This guide outlines PatoGen's guidelines for collecting and handling swab samples for Bactoprofile. For water samples, see instructions in the protocol for water sampling.

The equipment is intended for single use and can be used to sample the sites bioreactor, biomedica or biofilm from the fish tank wall. The kits have a shelf life of six months (the expiration date is indicated on the side of the kit) and should be stored at room temperature until use. *By agreement, PatoGen can provide guidance on sample collection or training of personnel in sampling procedures.*

### Equipment:

- Tubes with ENAT-buffer
- Sterile swabs
- Disposable gloves
- Cold pack

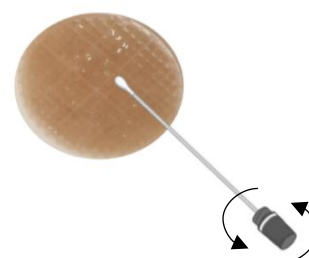


### Suggested sampling series:

- To compare results over time, it is recommended to sample once per week or every other week.
- To ensure consistent comparisons, it is advised to sample in a similar way each time.
- **To ensure results can be compared over time, each sample must be labeled with a unique and consistent name. This name must remain the same for every collection from the same sampling point. If names differ, samples will be treated as originating from separate sampling points in the report.**

### Swabbing of bioreactor/biomedica/biofilm:

- Use disposable gloves to avoid contamination of the samples.
- The sample should be representative for the entire bioreactor/biomedica. Sweep the swab over the bioreactor/biomedica and rotate it simultaneously to collect the entire biofilm, not just the top layer.
- Once the bioreactor/biomedica has been sampled, place the swab in the buffer tube.



- The swab has a slimmer breaking point that allows the swab tip to be snapped off. Once the swab tip is placed in the tube, screw the tube cap back on to secure the sample.



#### **Sending samples:**

- Use the tube number to identify each sample.
- Note all required details in the Bactoprofile order form, such as the sampling point name and sampling date.
- Send the samples in a padded envelope with an ice pack, express overnight to PatoGen's laboratory in Ålesund.

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