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Version 1

Tissue Fixation - 10% formalin samples V.1

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Protocol status: Working

We use this protocol and it's working

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Abstract

Tissue Fixation - 10% formalin samples



Protocol tissue fixation - 10% formalin

- 1 Cut tissue to proper size.
The size can be 2×2 mm to 1×2 cm but thickness should be 3mm for better fixation.
The cutting surface of the tissue should be flat and smooth.
- 2 Transfer tissue to fixative and swirl the container to ensure all tissues pieces are completely immersed in fixative.
The volume of fixative must be 20-30 times the tissue volume
- 3 Fix tissue at 20°C for overnight.
- 4 Transfer the fixed tissue pieces to **96% ethanol** and freeze (-20°C)
- 5



Note

Samples to be fixed:

- 1) Old scar tissue (skin) from seal lice infestation,
- 2) Fresh/newly formed scar form sea lice infestation
- 3) Normal non-scarred tissue.

2-5 pieces from each fish.

In total: 3-10 fish (you see what you get).