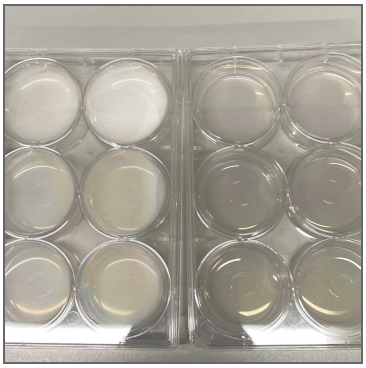

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Protocol status: Working
We use this protocol and it's working

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Anti-condensation agent

John Bergqvist[1]

[1]Behavioural Phenomics, MRC Laboratory of Medical Sciences

Behavioural Genomics

John Bergqvist
MRC Laboratory of Medical Sciences, Imperial College London

ABSTRACT

Preventing plate lids from fogging up by applying an anti-condensation agent. This allows longer recordings of e.g. worm behaviour.

MATERIALS

50 mL test tube
Sterile water
99% ethanol
Triton X-100

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PROTOCOL integer ID: 94838

Keywords: condensation, 96-well plates, 24-well plates, 6-well plates

SAFETY WARNINGS

Triton X-100

Pictograms:
- GHS05, GHS07, GHS09

Hazard statements:
- H302 Harmful if swallowed
- H318 Causes serious eye damage
- H411 Toxic to aquatic life with long lasting effects

Ethanol

Pictograms:
- GHS02, GHS07

Hazard statements:
- H226 Flammable liquid and vapour.
- H319 Causes serious eye irritation.

BEFORE START INSTRUCTIONS

Make sure to treat lids that are for use at least a day after treatment.

Making anti-condensation agent

1 Make a mixture of 0.05% Triton X-100 and 20% ethanol in a 50 mL test tube.

For 20 mL, mix:

- 4 mL 99% ethanol
- 0.1 mL Triton X-100
- 16 mL sterile water

Treating plate lids

1h 0m 30s

2 Treating lids with the anti-condensation agent **should be done at least a day before using the plates** to study worm behaviour.

3 In a Class II Microbiological Safety Hood, pour ca. 3-4 mL of the anti-condensation agent on the inside of the lids and leave for 00:00:30 seconds. 30s

Ensure all of the lid is covered by the anti-condensation agent.

4 Pour the liquid back into the 50 mL tube for later use, or onto new lids to be treated.

5 Leave lids to dry for ca 01:00:00 hour. 1h

6 After drying, you will most likely see rings of anti-condensation agent residue on the plate. Wipe these off the lids with Kimberly-Clark Kimwipes until there are no signs of these rings.