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Antibiotics for algaculture

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Works for me

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ABSTRACT

Antibiotics recipe adapted from Roscoff Culture Collection protocol.

PROTOCOL CITATION

Victoria Jackson 2021. Antibiotics for algaculture. **protocols.io**
<https://protocols.io/view/antibiotics-for-algaculture-bsiencbe>

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47398

PARENT PROTOCOLS

In steps of

[Microalgal culture](#)[Microalgal culture](#)

MATERIALS TEXT

Ampicillin
Gentamicin
Kanamycin
Neomycin
Streptomycin

ABX solution

4w

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To 10 mL of MilliQ water Contributed by users, add any 3 of:

- 0.5 g Ampicillin
- 0.1 g Gentamicin
- 0.2 g Kanamycin
- 1 g Neomycin
- 0.2 g Streptomycin

It is best not to use all ABX in every solution, but to use a selection of 2-3 so that you can change the combinations

in future solutions in case of bacterial resistance developing.

- 2 Mix the solution well and filter using a 0.2 μ M filter into a sterile bottle.
Store in the fridge at 4°C up to **1 month**.