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Overnight Bacterial Culture

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Alba Balletbó¹

¹Wageningen University

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Alba Balletbó

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Protocol status: Working

We use this protocol and it's working

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Abstract

This protocol describes how to grow an overnight culture of bacteria in LB (Luria-Bertani) liquid media broth.

Materials

Autoclaved container

LB Media

Aliquot of bacteria or isolated colony

Safety warnings

 Always wear lab coat, safety goggles and nitrile gloves.

Before start

Before starting, users will need to have prepared LB broth. Please see the protocol 'LB Medium (1 Liter)' by the same author. Doi: dx.doi.org/10.17504/protocols.io.7jshkne



- 1 Pour appropriate volume of LB broth into the selected autoclaved container.
- 2 Open and add the frozen aliquot of bacteria to the LB broth or making use of an inoculation loop, carefully select your isolated colony from the media plate and shake the loop in media until the fragment has come loose and is visibly floating in the media.
- 3 Loosely seal the container, either using tape to secure the loosely fitted lid of a tube or tinfoil to cover a flask.
- 4 Place the tube/flask in an orbital shaker at the optimal growing temperature of your bacterial species (this will likely be 30 or 37° C). Leave the liquid culture to grow overnight.