



Oct 15, 2019

## Overnight Bacterial Culture

Alba Balletbó<sup>1</sup><sup>1</sup>Wageningen University

1

Works for me

[dx.doi.org/10.17504/protocols.io.79bhr2n](https://dx.doi.org/10.17504/protocols.io.79bhr2n)

iGEM Wageningen 2019



Alba Balletbó



### ABSTRACT

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

### MATERIALS TEXT

Autoclaved container

LB Media

Aliquot of bacteria or isolated colony

### SAFETY WARNINGS

Always wear lab coat, safety goggles and nitrile gloves.

### BEFORE STARTING

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](https://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.



This is an open access protocol distributed under the terms of the [Creative Commons Attribution License](https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited