VERSION 2

APR 21, 2018

OPEN ACCESS

DOI:
dx.doi.org/10.17504/protocols.io.pnddma6

Protocol Citation: Diego Bonatto 2018. Luria-Bertani (LB) liquid medium. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.pnddma6>

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

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

Created: Apr 21, 2018

Last Modified: Apr 21, 2018

PROTOCOL integer ID:
 11685

Keywords: LB medium, Escherichia coli

Luria-Bertani (LB) liquid medium V.2

Diego Bonatto¹

¹Centro de Biotecnologia da UFRGS

Grupo de Estudos de Leveduras Cervejeiras

Diego Bonatto

Centro de Biotecnologia da UFRGS

ABSTRACT

Rich medium commonly used for Escherichia coli growth and maintenance.

MATERIALS

MATERIALS

NaCl Merck MilliporeSigma (Sigma-Aldrich) Catalog #53014

BD Bacto™ Yeast Extract Becton Dickinson (BD) Catalog #212750

Tryptone (pancreatic digest of casein) Merck MilliporeSigma (Sigma-Aldrich) Catalog #T9410

STEP MATERIALS

Tryptone (pancreatic digest of casein) Merck MilliporeSigma (Sigma-Aldrich) Catalog #T9410

NaCl Merck MilliporeSigma (Sigma-Aldrich) Catalog #53014

BD Bacto™ Yeast Extract Becton Dickinson (BD) Catalog #212750

Tryptone (pancreatic digest of casein) Merck MilliporeSigma (Sigma-Aldrich) Catalog #T9410

NaCl Merck MilliporeSigma (Sigma-Aldrich) Catalog #53014

BD Bacto™ Yeast Extract Becton Dickinson (BD) Catalog #212750

Quantities (1 L)

- 1 Tryptone - 10 g
NaCl - 10 g
Yeast extract - 5 g
Deionized water q.s.p. - 1 L

⊗ Tryptone (pancreatic digest of casein) **Merck MilliporeSigma (Sigma-Aldrich) Catalog #T9410**

⊗ NaCl **Merck MilliporeSigma (Sigma-Aldrich) Catalog #53014**

⊗ BD Bacto™ Yeast Extract **Becton Dickinson (BD) Catalog #212750**

Preparation

- 2 Dissolve all components in deionized water. Adjust pH of solution with NaOH 5 N (~ 0.2 mL). Autoclave for 15 min @ 120 °C (1.2 atm).