

Luria-Bertani (LB) liquid medium

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Abstract

Rich medium comonly used for Escherichia coli growth and maintenance.

Citation: Diego Bonatto Luria-Bertani (LB) liquid medium. **protocols.io**

dx.doi.org/10.17504/protocols.io.pncdmaw

Published: 21 Apr 2018

Materials

NaCl [53014](#) by [Sigma Aldrich](#)

BD Bacto™ Yeast Extract [212750](#) by [BD Biosciences](#)

Tryptone (pancreatic digest of casein) T9410 by [Sigma – Aldrich](#)

Protocol

Quantities (1 L)

Step 1.

Tryptone - 10 g

NaCl - 10 g

Yeast extract - 5 g

Deionized water q.s.p. - 1 L



REAGENTS

Tryptone (pancreatic digest of casein) T9410 by [Sigma – Aldrich](#)

NaCl [53014](#) by [Sigma Aldrich](#)

BD Bacto™ Yeast Extract [212750](#) by [BD Biosciences](#)

Preparation

Step 2.

Dissolve all components in deionized water. Autoclave for 15 min @ 120 °C (1.2 atm).