

# Luria-Bertani (LB) liquid medium version 2

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## Abstract

Rich medium comonly used for Escherichia coli growth and maintenance.

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## 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. Adjust pH of solution with NaOH 5 N ( 0.2 mL). Autoclave for 15 min @ 120 °C (1.2 atm).