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Luria-Bertani (LB) liquid medium V.2

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Protocol status: Working

We use this protocol and it's working

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Keywords: LB medium, Escherichi coli

Abstract

Rich medium comonly 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

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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).