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Luria-Bertani (LB) liquid medium V.2

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Molecular Biology

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

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Keywords: LB medium, Escherichi coli, liquid medium rich medium, rich medium, liquid, bertani, luria, escherichia

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
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Troubleshooting

Quantities (1 L)

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

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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).