

Lysogeny Broth (LB) (1L)

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Abstract

A broth used to grow bacteria

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Before start

Need an autoclave machine

Materials

Tryptone [BP1421-500](#) by [Fisher Scientific](#)

Sodium Chloride [S271-3](#) by [Fisher Scientific](#)

Yeast Extract (yeastolate) [Y2010](#) by [US Biological](#)

Protocol

Step 1.

Fill 1 L bottle to 500 mLs. Add 10 g of tryptone, 10 g of sodium chloride, and 5 g of yeast extract. Shake until all reagents are in solution.

Step 2.

Adjust pH to 7 with 5 N NaOH. Once at desired pH fill all the way with water to 1 L.

Step 3.

Autoclave on setting 12 with water in the container to avoid over boiling.