

**LB Medium (Lennox), Powder**

Cat. No. 48501

**Product description:**

**General** LB Medium after the recipe of Lennox is a standard medium for growth and propagation of *E. coli*. The salt content is suitable for plasmid production, but enables as well the addition of magnesium chloride by phage amplifications. Ideal for cultures, which need salt-sensitive antibiotica e.g. Zeocin.

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<b>Composition</b>	Component	Concentration
	Tryptone	10 g/l
	Yeast extract	5 g/l
	NaCl	5 g/l

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**Storage** Recommended storage temperature of powder is +15 °C – +30 °C. Keep container tightly closed, because powder is very hygroscopic.

**Solution procedure:**

To prepare 1 l medium:

1. Fill 900 ml water dest. in an 1-liter flask. Suspend 20 g powder medium while stirring.
2. Adjust to pH 7 with ca. 0.2 ml 5 N NaOH with stirring, fill up to a final volume of 1 liter.
3. Then autoclave medium for 20 min. at 121 °C.

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<sup>1</sup>Bertani, G. (2004): Lysogeny at mid-twentieth century: P1, P2, and other experimental systems. In: J. Bacteriol. Bd. 186, Nr. 3, S. 595-600.