

LB-Medium (Lennox) Powder

Product description:

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 antibiotics e.g. Zeocin.

Composition

Component	Concentration
Tryptone	10 g/l
Yeast extract	5 g/l
NaCl	5 g/l

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

Solution procedure for 1 l of Medium:

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.

Ordering information:

Cat.-Nr:	Description	amount
CE182	LB Medium (Lennox)	500 gr
CE183	LB Medium (Lennox)	2500 gr

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