

**LB Agar 1.5% (w/v)  
Lennox L Plate Agar**

**Catalog #:** 340-025

**Store at:** 15°C to 30°C

**Shipped at:** ambient temperature

**Description**

Quality Biological's (QBI) LB Agar 1.5% (w/v) is prepared from reagent grade sodium chloride (NaCl<sub>2</sub>), agar, tryptone, and yeast extract using QBI's Cell Culture Grade Water and adjusted to a pH of 7.3 ± 0.1 with NaOH. The final product is sterilized by autoclaving.

**Applications**

- *Propagation of bacteriological stocks*
- *Plating and screening bacteriological clones*

**Quality Control***General*

All Quality Biological products for Molecular Biology are prepared according to standard published protocols.<sup>1,2</sup>

All products are subjected to a variety of quality control procedures, including pH and osmolality determinations in order to validate the product is within its specifications.

*The test results of individual lots of LB Agar 1.5% (w/v) are available on the Quality Biological website.*

**All products sold by Quality Biological, Inc. are intended for research use only. This product has not been approved for diagnostic or IVD use.**

**References**

1. Shihavy, T.J., Berman, M.L. & Enquist, L.W. (1984), *Experiments with Gene Fusion*, Cold Spring Harbor Laboratory Press.
2. Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) *Molecular Cloning, A Laboratory Manual*, 2<sup>nd</sup> Ed. Cold Spring Harbor Laboratory Press.
3. Ausubel, F.M. et al., eds. (1993) *Current Protocols in Molecular Biology*. Greene Publishing Associates, Inc. in association with John Wiley & Sons, Inc.

**Related Products****LB Broth (Lennox)**

|           |               |            |
|-----------|---------------|------------|
| Catalog # | 340-016-101   | 500mL      |
|           | 340-016-101CS | 10 x 500mL |

**LB Broth (Luria Bertani, Miller)**

|           |               |                |
|-----------|---------------|----------------|
| Catalog # | 340-004-101   | 500mL          |
|           | 340-004-101CS | 10 x 500mL     |
|           | 340-004-131   | 1000mL         |
|           | 340-004-131CS | 10 x 1000mL    |
|           | 34-004-721    | Pack 4 x 100mL |
|           | 340-004-721EA | 100mL          |

**Cell Culture Grade Water, Ultra Pure**

|           |               |             |
|-----------|---------------|-------------|
| Catalog # | 118-162-101   | 500mL       |
|           | 118-162-101CS | 10 x 500mL  |
|           | 118-162-131   | 1000mL      |
|           | 118-162-131CS | 10 x 1000mL |
|           | 118-162-151   | 10 Liters   |
|           | 118-162-161   | 20 Liters   |