

User Manual

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Product name: LB Agar Plates

Cat #: LBA-100, LBA-200, LBAX-100, LBAX-200, LB-Amp501, LB-Amp502, LB-AmpX501, LB-AmpX502, LB-AmpG501, LB-AmpG502, LB-Amp101, LB-Amp102, LB-AmpX101, LB-AmpX102, LB-Kana501, LB-Kana502, LB-KanaX501, LB-KanaX502, LB-Kana101, LB-Kana102, LB-KanaG101, LB-KanaG102, LB-Car501, LB-Car502, LB-CarX501, LB-CarX502, LB-Car101, LB-Car102, LB-CarX101, LB-CarX102, LB-Chl101, LB-Chl102, LB-Bla501, LB-Bla502, LB-Bla101, LB-Bla102

Description:

We offer pre-poured agar plates for the culture and selection of bacterial cultures. Currently we offer traditional LB plates for cultivation of any *E. coli* strain and LB/amp plates for selection of ampicillin resistant strains and cells harboring selection plasmids containing the ampicillin resistance gene. In addition, we also offer LB plates with both carbenicillin and kanamycin.

All of our plates are tested with at least 5 different recombinant strains of *E. coli* to demonstrate the efficacy of the antibiotic contained within. The plates are provided in sleeves of 10 and are shipped at ambient temperature. However, upon receipt plates should be kept refrigerated until use.

Please inquire for other media and antibiotic combinations.

| Product Name | Description | Application |
|---------------------------|---|---|
| LB Agar | 1.0% Tryptone, 0.5% yeast extract, 0.5% NaCl, 1.5% agar | For use with <i>E. coli</i> and other enteric bacteria. |
| LB Agar Ampicillin-100 | 100 µg/ml ampicillin | For use with ampicillin resistant strains and strains harboring plasmids such as the pUC series of plasmids. |
| LB Agar Ampicillin-50 | 50 µg/ml ampicillin | Pre-poured agar plates (100 mM) for the selection and propagation of <i>E. coli</i> strains that are ampicillin resistant or that harbor plasmids conferring ampicillin resistance. |
| LB Agar Kanamycin-50 | 50 µg/ml kanamycin | Pre-poured agar plates (100 mM) for the selection and propagation of <i>E. coli</i> strains that are kanamycin resistant or that harbor plasmids conferring kanamycin resistance. |
| LB Agar Carbenicillin-100 | 100 µg/ml carbenicillin | Pre-poured agar plates (100 mM) for the selection and propagation of <i>E. coli</i> strains that are ampicillin resistant or that harbor plasmids conferring ampicillin resistance. Carbenicillin is an analog of ampicillin. |

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| LB Agar Chloramphenicol | 12.5ug/ml chloramphenicol | Pre-poured agar plates (100 mM) for the selection and propagation of <i>E. coli</i> strains that are ampicillin resistant or that harbor plasmids conferring ampicillin resistance. Chloramphenicol is an analog of ampicillin. |
| LB Agar Blastidicin | 50ug/ml Blastidicin | Pre-poured agar plates (100 mM) for the selection and propagation of <i>E. coli</i> strains that are ampicillin resistant or that harbor plasmids conferring ampicillin resistance. Blastidicin is an analog of ampicillin. |