# L5128
# LB Agar, Lennox L Modification

## Properties

| | |
|---|---|
| Form: | Powder |
| Appearance: | Yellow to Cream Powder |
| Application: | Bacterial Screening; Microbiology & Phytopathology |
| Solubility: | Soluble in Water |
| Typical Working Concentration: | 32.00 g/L |
| Storage Temp: | 2 – 6° C |

| **Formula** | **(mg/L)** |
|---|---|
| Sodium Chloride | 5,000 |
| Agar | 12,000 |
| Tryptone | 10,000 |
| Yeast Extract | 5,000 |

## Application Notes

This medium is used to grow *Escherichia coli* for molecular biology applications. This is a rich medium that promotes rapid growth of pure cultures of recombinant strains.

## References

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Luria, SE, JN Adams, and RC Ting. 1960. Transduction of lactose-utilizing ability among strain of E. coli and S. dysenteriae and the properties of the transducing phage particles. Virology. 12:348-390.
Miller, JH 1972. Experiment in molecular genetics. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.
Sambrook, J, EF Fritsch, and T Maniatis. 1989. Molecular Cloning: A Laboratory Manual, 2nd Edition. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

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