

# LB Miller Broth

**CATALOG #:** M1519-500G 500 g  
M1519-2000G 2 kg

**FORM:** Powder (light beige)

**pH:** 7.0 ± 0.2 (at 25 °C)

**FORMULATION:** The formula per 25 g which is used to prepare 1 L of growth medium contains:  
Casein digest peptone 10 g  
Sodium chloride 10 g  
Yeast extract 5 g

**FEATURES:**

- High quality
- For molecular genetic studies
- Excellent growth medium for *E. Coli*

**DESCRIPTION:** **BioVision's LB Miller Broth** is used in molecular genetic studies, as well as maintaining and propagating *E. coli* in molecular and microbiology procedures. The inclusion of casein peptone and yeast extract provides essential growth factors for the bacteria; such as nitrogen, sulfur, minerals, and vitamins and sodium chloride provides essential electrolytes.

**Preparation of Broth**

Mix 25 g of the growth medium in 1 L of purified water until evenly dispersed. Heat with repeated stirring and boil for one min to dissolve completely. Then, distribute and autoclave at 121.0 °C for 15 min. The grams per liter may be adjusted to obtain desired performance.

**STORAGE:** Store at room temperature. Keep tightly sealed. Protect from moisture and light.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

BioVision Product Name	Cat. No.	Size
Terrific Broth	M1520	500 g, 2 kg
LB Lennox Broth	M1521	500 g, 2 kg
Yeast Extract	M1522	500 g, 1 kg
Tryptone	M1523	500 g, 1 kg
Viral Transport Medium	M1515	50, 100, 2 x 100, 500 ml
Viral Transport, Veal Infusion Medium	M1516	50, 100, 2 x 100, 500 ml

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*