

LB Agar

Cat# C3120

Store at room temperature

DESCRIPTION

Used for general bacterial culture, especially for the preservation and enrichment of E. coli in molecular biology experiments.

ASSAY PRINCIPLE

Tryptone and yeast extract provide nutrients for the growth of target bacteria; sodium chloride maintains the balance of osmotic pressure, and agar is the solidification of the medium.

COMPONENT

Component	Content (per liter)
Tryptone	10g
NaCl	5g
Glucose	1g
Yeast extract	5g
Agar	15g
pH 7.0±0.2	

INSTRUCTIONS

1. Weigh 36g of this product, add 1L of distilled water or deionized water, stir and heat to boil until completely dissolved, divide into triangular flasks, sterilize at 121°C for 15 minutes, and wait to cool to about 50°C
2. Pour the tablet and set aside.
3. Take the bacteria to be tested and inoculate it on a plate or slope and incubate at 36±1°C for 24h.
4. Observe the results.

PRODUCT USE LIMITATION

These products are intended for research use only.