

# Leading Driver In The Ready-To-Use Luria-Bertani LB Liquid Medium Market 2025: Surge In R&D Activities Driving Growth

*The Business Research Company's Ready-To-Use Luria-Bertani (LB) Liquid Medium Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034*

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Is the luria-bertani LB liquid medium Market Set to Witness Substantial Growth?

The [ready-to-use Luria-Bertani LB liquid medium market size](#) has experienced considerable growth in the past, and future trends indicate an even brighter outlook. The market size is predicted to grow from \$10.32 billion in 2024 to \$11.21 billion in 2025 at a compound annual growth rate CAGR of 8.6%. This significant progress can be linked to growing adoption in pharmaceutical and biotechnology sectors, growing demand for advanced medicines, increasing demand for microbiological research, and escalating demand for outsourcing R&D activities.

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What's next for the luria-bertani LB liquid medium market?

The market is forecasted to witness powerful growth in the forthcoming years. It is predicted to expand to \$15.4 billion in 2029 at a compound annual growth rate CAGR of 8.2%. This expected growth can be attributed to factors such as advancements in customization and packaging, increasing research and development activities, growing demand for standardized media, rising adoption of automated laboratory systems, and growing preference for pre-formulated

solutions.

Fueling the growth of the LB Liquid Medium Market - driving factors uncovered!

The drive behind this market growth can be attributed to increasing research and development activities. When businesses invest in R&D, they are exploring new ideas or technologies and using the results to create or improve goods or processes. Businesses stay competitive by satisfying changing consumer needs through continuous innovation. Ready-to-use LB liquid medium plays a vital role in R&D as it promotes bacterial growth, gene cloning, protein expression, and other genetic modifications.

An additional market driver is the surge in clinical trials worldwide. Clinical trials involve human participants in research studies to evaluate the safety and effectiveness of new medical interventions before getting approved for general use. Ready-to-use LB liquid medium, with its efficiency and reliability, is a vital tool in achieving consistent conditions for these trials without the need for preparation or sterilization, leading to speedier research processes particularly in high-throughput and multi-site studies.

Moving onto the major market players contributing to growth

Notably, key players in the ready-to-use luria-bertani LB liquid medium market include Thermo Fisher Scientific Inc., Avantor Inc., Lonza Group AG, Sigma Aldrich Chemicals Pvt. Ltd., Bio-Rad Laboratories Inc., Neogen Corporation, bioWORLD, Hardy Diagnostics Inc., MP Biomedicals LLC, ITW Reagents, Alpha Teknova Inc., HiMedia Laboratories Pvt. Ltd., Scharlab S.L., Interchim, Condalab, Quality Biological Inc., Thomas Scientific LLC, Geno Technology Inc., Central Drug House P Ltd., Citotest Labware Manufacturing Co. Ltd., Research Products International, NZYTech Lda.

Prominent players are focusing on advancing drug discovery software to gain a competitive edge. For instance, in December 2023, Merck, a Germany-based pharmaceuticals and biotechnology products company, launched AIDDISON, an outstanding drug discovery software that leverages artificial intelligence and machine learning algorithms to hasten the identification of potential drug candidates.

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How Is The LB Liquid Medium Market Segmented?

The LB Liquid Medium Market at a glance: Segmentation insights

The [ready-to-use luria-bertani LB liquid medium market segments](#) in the following ways:

1 By Type: Contains Antibiotics, Antibiotic Free

2 By Application: Drug Discovery, Stem Cell Technologies, Regenerative Medicine And Tissue Engineering, Bio-Pharmaceuticals, Cancer Research, Other Applications

3 By End-User: Research Laboratories, Academic Institutes, Biotechnology And Pharmaceutical Sector, Other End-Users

Further subdivided into:

1 By Contains Antibiotics: LB Medium With Ampicillin, LB Medium With Kanamycin, LB Medium With Tetracycline, LB Medium With Chloramphenicol, LB Medium With Streptomycin

2 By Antibiotic Free: Standard LB Liquid Medium, LB Liquid Medium With Supplementary Nutrients, LB Liquid Medium For Fast-Growing Bacteria, LB Liquid Medium For Low-Temperature Growth

What is the Regional Analysis Of ready-to-use Luria-Bertani LB liquid medium Market?

Europe emerged as the largest region in the ready-to-use Luria-Bertani LB liquid medium market in 2024 with Asia-Pacific forecasted to be the fastest-growing region. The areas covered in the report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

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