

Global Cell Lysis Dissociation Market Forecast 9% in 2032, Driven by Rising Demand for Cell-Based Assays

The global cell lysis dissociation market size was USD 4.86 Billion in 2022 and is expected register a revenue CAGR of 9% during the forecast period.

NEW YORK , NY, UNITED STATES, April 23, 2023 /EINPresswire.com/ -- The global [cell lysis dissociation market](#) was valued at USD 4.86 billion in 2022 and is expected to grow at a CAGR of 9%

during the forecast period. This growth is primarily driven by the increasing demand for cell-based assays in research and development, as well as the prevalence of chronic and infectious diseases. Additionally, technological advancements in cell lysis and dissociation products are contributing to the growth of the market.

Cell lysis and dissociation products are widely used in various applications, including protein isolation, gene expression investigations, and drug development. These products have become increasingly important in the biotechnology and pharmaceutical industries due to the rising investments in these sectors. The demand for cell lysis and dissociation products is expected to continue to grow as these industries expand.

Overall, the global cell lysis and dissociation market is expected to see significant growth during the forecast period due to the increasing demand for these products in research and development, as well as the growing biotechnology and pharmaceutical industries.

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Segments Covered in the Report

The global market for cell disruption is segmented based on product outlook, end-use outlook, and regional outlook. The product outlook includes mechanical disruption, chemical disruption, enzymatic digestion, and other products. The demand for mechanical disruption methods is expected to increase due to the cost-effectiveness of these methods and their easy operation.



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The chemical disruption methods segment is also expected to grow at a steady rate due to the increasing need for chemical lysis of cells and its wide use in biopharmaceutical companies.

Based on the end-use outlook, the market is segmented into research laboratories, biopharmaceutical companies, contract research organizations, and others. The biopharmaceutical companies segment is expected to hold a major share in the market due to the increasing demand for innovative therapies and the growing number of biopharmaceutical companies worldwide. Additionally, the contract research organizations segment is expected to experience significant growth due to the rising trend of outsourcing R&D activities by pharmaceutical companies.

Geographically, the market is segmented into North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North America is expected to hold the largest market share due to the presence of key market players and the increasing investments in research and development. The Asia Pacific region is expected to grow at the highest rate due to the rising number of research and development activities, the growing focus on biologics and biosimilars, and the increasing demand for innovative therapies.

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Strategic development:

Strategic Acquisitions in the Life Sciences Market: Thermo Fisher Scientific Acquires PPD, Bio-Rad Laboratories Acquires Celsee, and Becton, Dickinson and Company Acquires Straub Medical AG. These acquisitions aim to expand product offerings and strengthen market position in their respective fields.

Competitive Landscape:

Thermo Fisher Scientific Inc., Merck KGaA, and QIAGEN N.V. are among the major players in the life sciences industry. Thermo Fisher Scientific is a leading provider of laboratory equipment and services, while Merck KGaA specializes in healthcare, life sciences, and performance materials. QIAGEN N.V. focuses on molecular diagnostics, bioinformatics, and sample preparation technologies.

Bio-Rad Laboratories, Inc. is another prominent player that specializes in the development, production, and marketing of life science research and clinical diagnostic products. Becton, Dickinson and Company is a global medical technology company that provides solutions for medication management, diagnostics, and biosciences research.

Miltenyi Biotec is a biotechnology company that develops and provides products and services for cell separation, flow cytometry, and cell analysis. F. Hoffmann-La Roche Ltd. is a Swiss multinational healthcare company that operates in the fields of pharmaceuticals and diagnostics. Danaher Corporation is a conglomerate that operates in the life sciences,

diagnostics, and environmental and applied solutions industries.

Promega Corporation specializes in the development and manufacture of products for the life sciences industry, including genomics, proteomics, and cellular analysis. Lonza Group is a Swiss chemical and biotechnology company that provides products and services for the pharmaceutical and biotechnology industries.

The competitive landscape of the life sciences industry is highly dynamic, with companies continuously innovating and introducing new products and services. With the increasing demand for personalized medicine and precision diagnostics, companies are investing heavily in research and development to gain a competitive edge. Additionally, companies are also exploring strategic partnerships and acquisitions to expand their product offerings and market reach.

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In conclusion, the global is cell lysis dissociation market highly competitive, with a few major players dominating the market. These companies are actively involved in developing new technologies and products, investing in research and development, and engaging in strategic partnerships and collaborations to maintain their market share and drive revenue growth.

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