

Cell Lysis & Disruption Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global cell lysis & disruption market looks promising with opportunities in protein isolation, downstream processing, cell organelle isolation, and nucleic acid isolation applications. The global cell lysis & disruption market is expected to grow with a CAGR of 7%-9% from 2020 to 2025. The major drivers for this market are increasing prevalence of diseases and disorders, increasing investment in research and development activities related to biotechnological process and academics, and growing focus on personalized medicines.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global cell lysis & disruption market report, please download the report brochure.

In this market, reagents and consumables is the largest product type of cell lysis and disruption, whereas academic and research institutes is the largest end use. Growth in various segments of the cell lysis and disruption market are given below:

The study includes trends and forecast for the global cell lysis & disruption market by product, cell type, technique, application, end use, and region as follows:

By Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Instruments High-Pressure Homogenizers Sonicator French Press Microfluidizer Bead Mill Other Instruments Reagents and Consumables Enzymes Detergent Solutions Ionic

Detergent Nonionic Detergent Zwitterionic Detergent Kits & Reagents

By Cell Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Mammalian Cells Bacterial Cells Yeast/Algae/Fungi Plant Cells

By Technique [Value (\$ Million) shipment analysis for 2014 – 2025]:

Reagent-based Detergent Enzymatic Physical Disruption Mechanical Homogenization Ultrasonic Homogenization Pressure Homogenization Temperature Treatments

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Protein Isolation Downstream Processing Cell Organelle Isolation Nucleic Acid Isolation

By End Use [Value (\$ Million) shipment analysis for 2014 – 2025]:

Academic & Research Institutes Hospitals & Diagnostic Labs Cell Banks Pharmaceutical & Biotechnology Companies

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America United States Canada Mexico Europe United Kingdom Germany France Asia Pacific China India Japan The Rest of the World Brazil

Some of the cell lysis & disruption companies profiled in this report include Thermo Fisher Scientific, Merck, Roche, Qiagen, B&D, Danaher, Bio-Rad Laboratories, Miltenyi Biotec, Claremont BioSolutions, and Microfluidics International.

Lucintel forecasts that reagents & consumables will remain the largest product segment over the forecast period due to rising prevalence of diseases and increasing funding of cell-based research.

Within this market, academic & research institutes will remain the largest segment by end use over the forecast period due to increasing research activities related to molecular biology and bioprocess techniques.

North America will remain the largest region over the forecast period due to increasing

government initiatives related to research and development and rising private and public investments for drug discovery and developing treatment of complicated and rare diseases in the region.

Features of the Global Cell Lysis & Disruption Market

Market Size Estimates: Global cell lysis & disruption market size estimation in terms of value (\$M) shipment. **Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments. **Segmentation Analysis:** Global cell lysis & disruption market size by various segments, such as product, cell type, technique, application, and end use in terms of value. **Regional Analysis:** Global cell lysis & disruption market breakdown by North America, Europe, Asia Pacific, and Rest of the World. **Growth Opportunities:** Analysis of growth opportunities in different product, cell type, technique, application, end use, and region for the global cell lysis & disruption market. **Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global cell lysis & disruption market. **Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global cell lysis & disruption market by product (instruments (high-pressure homogenizers, sonicator, french press, microfluidizer, bead mill, and other instruments) and reagents & consumables (enzymes, detergent solutions (ionic detergent, nonionic detergent, and zwitterionic detergent), and kits & reagents)), cell type (mammalian cells, bacterial cells, yeast/algae/fungi, and plant cells), technique (reagent-based (detergent and enzymatic) and physical disruption (mechanical homogenization, ultrasonic homogenization, pressure homogenization, and temperature treatments)), application (protein isolation, downstream processing, cell organelle isolation, and nucleic acid isolation), end use (academic & research institutes, hospitals & diagnostic labs, cell banks, and pharmaceutical & biotechnology companies), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global cell lysis & disruption market?

Q.5 What are the business risks and threats to the global cell lysis & disruption market?

Q.6 What are the emerging trends in this cell lysis & disruption market and the reasons behind them?

Q.7 What are some changing demands of customers in this cell lysis & disruption market?

Q.8 What are the new developments in this cell lysis & disruption market? Which companies are leading these developments?

Q.9 Who are the major players in this cell lysis & disruption market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this cell lysis & disruption market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global cell lysis & disruption market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Instruments and Reagents & Consumables, Cell Type (Mammalian Cells, Bacterial Cells, Yeast/Algae/Fungi, and Plant Cells), Technique (Reagent-Based and Physical Disruption), Application (Protein Isolation, Downstream Processing, Cell Organelle Isolation, and Nucleic Acid Isolation), and End Use (Academic & Research Institutes, Hospitals & Diagnostic Labs, Cell Banks, and Pharmaceutical & Biotechnology Companies)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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Contents

1. EXECUTIVE SUMMARY

2. MARKET BACKGROUND AND CLASSIFICATIONS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2014 T 2025

3.1: Macroeconomic Trends and Forecast

3.2: Global Cell Lysis & Disruption Market Trends and Forecast

3.3: Global Cell Lysis & Disruption Market by Product

3.3.1: Instruments

3.3.1.1: High-Pressure Homogenizers

3.3.1.2: Sonicator

3.3.1.3: French Press

3.3.1.4: Microfluidizer

3.3.1.5: Bead Mill

3.3.1.6: Other Instruments

3.3.2: Reagents & Consumables

3.3.2.1: Enzymes

3.3.2.2: Detergent Solutions

3.3.2.2.1: Ionic Detergent

3.3.2.2.2: Nonionic Detergent

3.3.2.2.3: Zwitterionic Detergent

3.3.2.3: Kits & Reagents

3.4: Global Cell Lysis & Disruption Market by Cell Type

3.4.1: Mammalian Cells

3.4.2: Bacterial Cells

3.4.3: Yeast/Algae/Fungi

3.4.4: Plant Cells

3.5: Global Cell Lysis & Disruption Market by Technique

3.5.1: Reagent-based

3.5.1.1: Detergent

3.5.1.2: Enzymatic

3.5.2: Physical Disruption

- 3.5.2.1: Mechanical Homogenization
- 3.5.2.2: Ultrasonic Homogenization
- 3.5.2.3: Pressure Homogenization
- 3.5.2.4: Temperature Treatments
- 3.6: Global Cell Lysis & Disruption Market by Application
 - 3.6.1: Protein Isolation
 - 3.6.2: Downstream Processing
 - 3.6.3: Cell Organelle Isolation
 - 3.6.4: Nucleic Acid Isolation
- 3.7: Global Cell Lysis & Disruption Market by End Use
 - 3.7.1: Academic & Research Institutes
 - 3.7.2: Hospitals & Diagnostic Labs
 - 3.7.3: Cell Banks
 - 3.7.4: Pharmaceutical & Biotechnology Companies

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

- 4.1: Global Cell Lysis & Disruption Market by Region
- 4.2: North American Cell Lysis & Disruption Market
 - 4.2.1: Market by Product: Instruments (High-Pressure Homogenizers, Sonicator, French Press, Microfluidizer, Bead Mill, and Other Instruments) and Reagents & Consumables (Enzymes, Detergent Solutions (Ionic Detergent, Nonionic Detergent, and Zwitterionic Detergent), and Kits & Reagents)
 - 4.2.2: Market by Cell Type: Mammalian Cells, Bacterial Cells, Yeast/Algae/Fungi, and Plant Cells
 - 4.2.3: Market by Technique: Reagent-based (Detergent and Enzymatic) and Physical Disruption (Mechanical Homogenization, Ultrasonic Homogenization, Pressure Homogenization, and Temperature Treatments)
 - 4.2.4: Market by Application: Protein Isolation, Downstream Processing, Cell Organelle Isolation, and Nucleic Acid Isolation
 - 4.2.5: Market by End Use: Academic & Research Institutes, Hospitals & Diagnostic Labs, Cell Banks, and Pharmaceutical & Biotechnology Companies
 - 4.2.6: The United States Cell Lysis & Disruption Market
 - 4.2.7: The Canadian Cell Lysis & Disruption Market
 - 4.2.8: The Mexican Cell Lysis & Disruption Market
- 4.3: European Cell Lysis & Disruption Market
 - 4.3.1: Market by Product: Instruments (High-Pressure Homogenizers, Sonicator, French Press, Microfluidizer, Bead Mill, and Other Instruments) and Reagents & Consumables (Enzymes, Detergent Solutions (Ionic Detergent, Nonionic Detergent, and

Zwitterionic Detergent), and Kits & Reagents)

4.3.2: Market by Cell Type: Mammalian Cells, Bacterial Cells, Yeast/Algae/Fungi, and Plant Cells

4.3.3: Market by Technique: Reagent-based (Detergent and Enzymatic) and Physical Disruption (Mechanical Homogenization, Ultrasonic Homogenization, Pressure Homogenization, and Temperature Treatments)

4.3.4: Market by Application: Protein Isolation, Downstream Processing, Cell Organelle Isolation, and Nucleic Acid Isolation

4.3.5: Market by End Use: Academic & Research Institutes, Hospitals & Diagnostic Labs, Cell Banks, and Pharmaceutical & Biotechnology Companies

4.3.6: The Cell Lysis & Disruption Market of United Kingdom

4.3.7: The German Cell Lysis & Disruption Market

4.3.8: The French Cell Lysis & Disruption Market

4.4: APAC Cell Lysis & Disruption Market

4.4.1: Market by Product: Instruments (High-Pressure Homogenizers, Sonicator, French Press, Microfluidizer, Bead Mill, and Other Instruments) and Reagents & Consumables (Enzymes, Detergent Solutions (Ionic Detergent, Nonionic Detergent, and Zwitterionic Detergent), and Kits & Reagents)

4.4.2: Market by Cell Type: Mammalian Cells, Bacterial Cells, Yeast/Algae/Fungi, and Plant Cells

4.4.3: Market by Technique: Reagent-based (Detergent and Enzymatic) and Physical Disruption (Mechanical Homogenization, Ultrasonic Homogenization, Pressure Homogenization, and Temperature Treatments)

4.4.4: Market by Application: Protein Isolation, Downstream Processing, Cell Organelle Isolation, and Nucleic Acid Isolation

4.4.5: Market by End Use: Academic & Research Institutes, Hospitals & Diagnostic Labs, Cell Banks, and Pharmaceutical & Biotechnology Companies

4.4.6: The Chinese Cell Lysis & Disruption Market

4.4.7: The Indian Cell Lysis & Disruption Market

4.4.8: The Japanese Cell Lysis & Disruption Market

4.5: ROW Cell Lysis & Disruption Market

4.5.1: Market by Product: Instruments (High-Pressure Homogenizers, Sonicator, French Press, Microfluidizer, Bead Mill, and Other Instruments) and Reagents & Consumables (Enzymes, Detergent Solutions (Ionic Detergent, Nonionic Detergent, and Zwitterionic Detergent), and Kits & Reagents)

4.5.2: Market by Cell Type: Mammalian Cells, Bacterial Cells, Yeast/Algae/Fungi, and Plant Cells

4.5.3: Market by Technique: Reagent-based (Detergent and Enzymatic) and Physical Disruption (Mechanical Homogenization, Ultrasonic Homogenization, Pressure

Homogenization, and Temperature Treatments)

4.5.4: Market by Application: Protein Isolation, Downstream Processing, Cell Organelle Isolation, and Nucleic Acid Isolation

4.5.5: Market by End Use: Academic & Research Institutes, Hospitals & Diagnostic Labs, Cell Banks, and Pharmaceutical & Biotechnology Companies

4.5.6: Brazilian Cell Lysis & Disruption Market

5. COMPETITOR ANALYSIS

5.1: Market Share Analysis

5.2: Product Portfolio Analysis

5.3: Operational Integration

5.4: Geographical Reach

5.5: Porter's Five Forces Analysis

6. COST STRUCTURE ANALYSIS

6.1: Cost of Goods Sold

6.2: SG&A

6.3: EBITDA Margin

7. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

7.1: Growth Opportunity Analysis

7.1.1: Growth Opportunities for the Global Cell Lysis & Disruption Market by Product

7.1.2: Growth Opportunities for the Global Cell Lysis & Disruption Market by Cell Type

7.1.3: Growth Opportunities for the Global Cell Lysis & Disruption Market by Technique

7.1.3: Growth Opportunities for the Global Cell Lysis & Disruption Market by Application

7.1.3: Growth Opportunities for the Global Cell Lysis & Disruption Market by End Use

7.1.4: Growth Opportunities for the Global Cell Lysis & Disruption Market by Region

7.2: Emerging Trends in the Global Cell Lysis & Disruption Market

7.3: Strategic Analysis

7.3.1: New Product Development

7.3.2: Capacity Expansion of the Global Cell Lysis & Disruption Market

7.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Cell Lysis & Disruption Market

7.3.4: Certification and Licensing

8. COMPANY PROFILES OF LEADING PLAYERS

- 8.1: Thermo Fisher Scientific, Inc.
- 8.2: Merck KGaA
- 8.3: F. Hoffmann-La Roche Ltd.
- 8.4: Qiagen NV
- 8.5: Becton Dickinson & Company
- 8.6: Danaher Corporation
- 8.7: Bio-Rad Laboratories, Inc.
- 8.8: Miltenyi Biotec GmbH
- 8.9: Claremont BioSolutions, LLC
- 8.10: Microfluidics International Corporation

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