

# **Cell Sorting Market Size, Trends, Analysis, and Outlook By Product (Cell Sorters, Reagents and Consumables, Services), By Technology (Fluorescence-based Droplet Cell Sorting, Magnetic-activated Cell Sorting, MEMS - Microfluidics), By Application (Research Applications, Clinical Applications), By End-User (Research Institutions, Medical Schools and Academic Institutions, Pharmaceutical and Biotechnology Companies, Hospitals and Clinical Testing Laboratories), by Country, Segment, and Companies, 2024-2032**

<https://marketpublishers.com/r/C5A332DA823BEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: C5A332DA823BEN

## **Abstracts**

The global Cell Sorting market size is poised to register 7.4% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Cell Sorting market across By Product (Cell Sorters, Reagents and Consumables, Services), By Technology (Fluorescence-based Droplet Cell Sorting, Magnetic-activated Cell Sorting, MEMS - Microfluidics), By Application (Research Applications, Clinical Applications), By End-User (Research Institutions, Medical Schools and Academic Institutions, Pharmaceutical and Biotechnology Companies, Hospitals and Clinical Testing Laboratories)

The cell sorting market is characterized by the growing demand for high-throughput and high-purity cell sorting technologies, advancements in flow cytometry and microfluidics, and the need for precise and multiparametric cell analysis and isolation. By 2030, the market is poised to witness significant growth, driven by innovations in flow cytometers,

cell sorters, and microfluidic-based sorting devices. Further, expanding applications in immunophenotyping, stem cell sorting, and single-cell genomics are expected to drive market expansion, enabling researchers and clinicians to analyze and isolate cells based on specific surface markers, functional characteristics, and molecular profiles for a wide range of biomedical and clinical applications.

### Cell Sorting Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Cell Sorting market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Cell Sorting survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Cell Sorting industry.

### Key market trends defining the global Cell Sorting demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Cell Sorting Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Cell Sorting industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Cell Sorting companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Cell Sorting industry

Leading Cell Sorting companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key

strategies opted for by the top 10 Cell Sorting companies.

### Cell Sorting Market Study- Strategic Analysis Review

The Cell Sorting market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Cell Sorting Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Cell Sorting industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

### Cell Sorting Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

**North America Cell Sorting Market Size Outlook-** Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Cell Sorting market segments. Similarly, Strong market demand is encouraging Canadian Cell Sorting companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Cell Sorting market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Cell Sorting Market Size Outlook-**Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Cell Sorting industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Cell Sorting market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Cell Sorting Market Size Outlook-** an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Cell Sorting in Asia Pacific. In particular, China, India, and South East Asian Cell Sorting markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

**Latin America Cell Sorting Market Size Outlook-** Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Cell Sorting Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Cell Sorting market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Cell Sorting.

#### Cell Sorting Market Company Profiles

The global Cell Sorting market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Affymetrix Inc, Beckman Coulter Inc, Becton, Dickinson and Company, Bio-Rad Laboratories Inc, Bulldog Bio Inc , Cell Microsystems Inc, Cytonome/St LLC, Miltenyi Biotec GmbH, Molecular Devices LLC, Namocell Inc, NanoCollect Biomedical Inc, On-Chip Biotechnologies Co. Ltd, Sony Biotechnology Inc, Sysmex Partec GmbH, Union Biometrica Inc.

#### Recent Cell Sorting Market Developments

The global Cell Sorting market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

#### Cell Sorting Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Product

Cell Sorters

Reagents and Consumables

Services

By Technology

Fluorescence-based Droplet Cell Sorting

Magnetic-activated Cell Sorting

MEMS - Microfluidics

By Application

Research Applications

Clinical Applications

By End-User

Research Institutions

Medical Schools and Academic Institutions

Pharmaceutical and Biotechnology Companies

Hospitals and Clinical Testing Laboratories

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Affymetrix Inc

Beckman Coulter Inc

Becton, Dickinson and Company

Bio-Rad Laboratories Inc

Bulldog Bio Inc

Cell Microsystems Inc

Cytonome/St LLC

Miltenyi Biotec GmbH

Molecular Devices LLC

Namocell Inc

NanoCollect Biomedical Inc

On-Chip Biotechnologies Co. Ltd

Sony Biotechnology Inc

Sysmex Partec GmbH

Union Biometrica Inc

Formats Available: Excel, PDF, and PPT



## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Cell Sorting Market Overview and Key Findings, 2024
- 1.2 Cell Sorting Market Size and Growth Outlook, 2021- 2030
- 1.3 Cell Sorting Market Growth Opportunities to 2030
- 1.4 Key Cell Sorting Market Trends and Challenges
  - 1.4.1 Cell Sorting Market Drivers and Trends
  - 1.4.2 Cell Sorting Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Cell Sorting Companies

### 2. CELL SORTING MARKET SIZE OUTLOOK TO 2030

- 2.1 Cell Sorting Market Size Outlook, USD Million, 2021- 2030
- 2.2 Cell Sorting Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. CELL SORTING MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. CELL SORTING MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Product
    - Cell Sorters
    - Reagents and Consumables
    - Services

By Technology

Fluorescence-based Droplet Cell Sorting

Magnetic-activated Cell Sorting

MEMS - Microfluidics

By Application

Research Applications

Clinical Applications

By End-User

Research Institutions

Medical Schools and Academic Institutions

Pharmaceutical and Biotechnology Companies

Hospitals and Clinical Testing Laboratories

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Cell Sorting Market, 2025

5.2 Asia Pacific Cell Sorting Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Cell Sorting Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Cell Sorting Market, 2025

5.5 Europe Cell Sorting Market Size Outlook by Type, 2021- 2030

5.6 Europe Cell Sorting Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Cell Sorting Market, 2025

5.8 North America Cell Sorting Market Size Outlook by Type, 2021- 2030

5.9 North America Cell Sorting Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Cell Sorting Market, 2025

5.11 South America Pacific Cell Sorting Market Size Outlook by Type, 2021- 2030

5.12 South America Cell Sorting Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Cell Sorting Market, 2025

5.14 Middle East Africa Cell Sorting Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Cell Sorting Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Cell Sorting Market Size Outlook and Revenue Growth Forecasts

6.2 US Cell Sorting Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Cell Sorting Industry Drivers and Opportunities

- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Cell Sorting Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Cell Sorting Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Cell Sorting Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Cell Sorting Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Cell Sorting Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Cell Sorting Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Cell Sorting Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Cell Sorting Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Cell Sorting Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Cell Sorting Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Cell Sorting Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Cell Sorting Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Cell Sorting Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Cell Sorting Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Cell Sorting Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Cell Sorting Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Cell Sorting Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Cell Sorting Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Cell Sorting Industry Drivers and Opportunities

## **7. CELL SORTING MARKET OUTLOOK ACROSS SCENARIOS**

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

## **8. CELL SORTING COMPANY PROFILES**

8.1 Profiles of Leading Cell Sorting Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Affymetrix Inc

Beckman Coulter Inc

Becton, Dickinson and Company

Bio-Rad Laboratories Inc

Bulldog Bio Inc

Cell Microsystems Inc

Cytonome/St LLC

Miltenyi Biotec GmbH

Molecular Devices LLC

Namocell Inc

NanoCelect Biomedical Inc

On-Chip Biotechnologies Co. Ltd

Sony Biotechnology Inc

Sysmex Partec GmbH

Union Biometrica Inc.

## **9. APPENDIX**

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

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