

Cell Viability Assays Market Size, Trends, Analysis, and Outlook By Product (Consumables, Instruments), By Application (Drug Discovery and Development, Stem Cell Research, Diagnostics), By End-User (Biopharmaceutical Companies, Pharmaceutical Companies, CROs & CMOs, Research Institutes, Diagnostic Labs), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Cell Viability Assays market size is poised to register 11.1% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Cell Viability Assays market across By Product (Consumables, Instruments), By Application (Drug Discovery and Development, Stem Cell Research, Diagnostics), By End-User (Biopharmaceutical Companies, Pharmaceutical Companies, CROs & CMOs, Research Institutes, Diagnostic Labs)

The cell viability assays market is driven by the increasing demand for assessing cell health and viability in research and clinical applications, advancements in assay technologies, and the need for rapid and sensitive detection methods. By 2030, the market is expected to witness steady growth, fueled by innovations in fluorescent dyes, luminescent substrates, and label-free imaging techniques. Further, expanding applications in drug screening, toxicity testing, and cell-based assays are anticipated to drive market expansion, enabling researchers and clinicians to evaluate cell viability, proliferation, and cytotoxicity in real time, enabling faster decision-making and more accurate data interpretation in biomedical research and drug development.

Cell Viability Assays 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 Viability Assays market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Cell Viability Assays 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 Viability Assays industry.

Key market trends defining the global Cell Viability Assays 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 Viability Assays Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Cell Viability Assays 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 Viability Assays companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Cell Viability Assays industry

Leading Cell Viability Assays 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 Viability Assays companies.

Cell Viability Assays Market Study- Strategic Analysis Review

The Cell Viability Assays 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 Viability Assays Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Cell Viability Assays 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 Viability Assays 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 Viability Assays 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 Viability Assays market segments. Similarly, Strong market demand is encouraging Canadian Cell Viability Assays companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Cell Viability Assays market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Cell Viability Assays 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 Viability Assays 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 Viability Assays 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 Viability Assays 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 Viability Assays in Asia Pacific. In particular, China, India, and South East Asian Cell Viability Assays 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 Viability Assays 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 Viability Assays 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 Viability Assays market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Cell Viability Assays.

Cell Viability Assays Market Company Profiles

The global Cell Viability Assays 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 Abcam plc, Agilent Technologies Inc, Becton, Dickinson and Company, Bio-Rad Laboratories Inc, Biotium Inc, Charles River Laboratories International Inc, Creative Bioarray Inc, Merck KGaA, PerkinElmer Inc, Promega Corp, Thermo Fisher Scientific Inc.

Recent Cell Viability Assays Market Developments

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

Cell Viability Assays 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

Consumables

Instruments

By Application

Drug Discovery and Development

Stem Cell Research

Diagnostics

By End-User

Biopharmaceutical Companies

Pharmaceutical Companies

CROs & CMOs

Research Institutes

Diagnostic Labs

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Abcam plc

Agilent Technologies Inc

Becton, Dickinson and Company

Bio-Rad Laboratories Inc

Biotium Inc

Charles River Laboratories International Inc

Creative Bioarray Inc

Merck KGaA

PerkinElmer Inc

Promega Corp

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. CELL VIABILITY ASSAYS MARKET SIZE OUTLOOK TO 2030

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

3. CELL VIABILITY ASSAYS 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 VIABILITY ASSAYS 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
 - Consumables
 - Instruments

By Application

Drug Discovery and Development

Stem Cell Research

Diagnostics

By End-User

Biopharmaceutical Companies

Pharmaceutical Companies

CROs & CMOs

Research Institutes

Diagnostic Labs

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 Viability Assays Market, 2025

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

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

5.4 Key Findings for Europe Cell Viability Assays Market, 2025

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

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

5.7 Key Findings for North America Cell Viability Assays Market, 2025

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

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

5.10 Key Findings for South America Cell Viability Assays Market, 2025

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

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

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

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

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

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Cell Viability Assays Market Size Outlook and Revenue Growth Forecasts

6.2 US Cell Viability Assays Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

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

7. CELL VIABILITY ASSAYS MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

8. CELL VIABILITY ASSAYS COMPANY PROFILES

8.1 Profiles of Leading Cell Viability Assays Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Abcam plc

Agilent Technologies Inc

Becton, Dickinson and Company

Bio-Rad Laboratories Inc

Biotium Inc

Charles River Laboratories International Inc

Creative Bioarray Inc

Merck KGaA

PerkinElmer Inc

Promega Corp

Thermo Fisher Scientific 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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