

Cell-based Assay Market Report: Global Size, Share, Segment Review, Scope, Trends, Growth Analysis & Forecast 2022-2027

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SHERIDAN, WYOMING, UNITED STATES, July 19, 2022 /EINPresswire.com/ -- The latest report by IMARC Group, titled "Cell-based Assay Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027", offers a comprehensive analysis of the industry, which comprises insights on the global [cell-based assay market report](#). The report also includes competitor and regional analysis, and contemporary advancements in the global market.



Cell-based Assay Market

The global cell-based assay market reached a value of US\$ 18.9 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 31.4 Billion by 2027, exhibiting at a CAGR of 8.78% during 2022-2027. Cell-based assay refers to the study of living cells based on their shape and size for pharmaceutical, biotechnological and biochemical applications. It involves extracting living cells from tissues, stem cells and blood samples for evaluating biochemical and functional effects of drug substances, gene activation and cell signaling. It is also utilized for the measurement of cell proliferation, motility, cytotoxicity and morphology that aids in the development of medicinal drugs and diagnosis of various diseases. As a result, it finds extensive applications for producing biologics, conducting cancer research and stem cell analysis using high-throughput screening (HTS) solutions.

We are regularly tracking the direct effect of COVID-19 on the market, along with the indirect influence of associated industries. These observations will be integrated into the report.

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Important Attribute and highlights of the Report:

- Detailed analysis of the global market share
- Market Segmentation
- Historical, current, and projected size of the market in terms of volume and value
- Latest industry trends and developments
- Competitive Landscape
- Strategies of major players and product offerings

Market Trends:

The global cell-based assay market is primarily driven by significant growth in the pharmaceutical industry. Moreover, the increasing prevalence of diabetes, cancer, neurological and cardiovascular disorders among the geriatric population is enhancing the requirement for cell-based assays for the analysis of various drug compounds. In addition, the widespread utilization of cell-based assays for the detection of coronavirus (Covid-19) infection in the body is providing a thrust to the market growth. Other factors, including significant improvements in the healthcare infrastructure, along with extensive research and development (R&D) activities in the field of biotechnology, are anticipated to drive the market toward growth.

Explore Full Report with TOC & List of Figures: <https://bit.ly/3zabre3>

Competitive Landscape:

By IMARC group the report has also analyzed the competitive landscape of the market with some of the [top cell-based assay companies](#) being

Some of these key players include:

- Becton Dickinson and Company
- GE Healthcare Biopharma (Danaher Corporation)
- Thermo Fisher Scientific Inc.
- Merck Group
- Berkinelmer Inc.
- Charles River Laboratories Inc.
- Lonza Group Ltd.
- Cell Signaling Technology Inc.
- Bromega Corporation
- Cell Biolabs Inc.
- Bio-Rad Laboratories Inc.
- Corning Inc.

- E. Hoffmann-La Roche AG (Roche Holding AG)

Key Market Segmentation:

Breakup by Product and Services:

- Consumables
 - oReagents and Media
 - oCells and Cell Lines
 - oProbes and Labels
- Instruments
 - oMicroplates
 - oMicroplate Readers
 - oHigh Throughput Screening
 - oLiquid Handling Systems
- oServices
- Software

Breakup by Technology:

- Automated Handling
- Flow Cytometry
- Label-Free Detection
- High-Throughput Screening
- Others

Breakup by Application:

- Drug Discovery
- Basic Research
- ADME Studies
- Predictive Toxicology
- Others

Breakup by End-User:

- Pharmaceutical and Biotechnology Companies
- Academic and Government Institutions
- Contract Research Organizations
- Others

Breakup by Region:

- North America (United States, Canada)
- Asia Pacific (China, Japan, India, Australia, Indonesia, Korea, Others)
- Europe (Germany, France, United Kingdom, Italy, Spain, Others)
- Latin America (Brazil, Mexico, Others)
- Middle East and Africa (United Arab Emirates, Saudi Arabia, Qatar, Iraq, Other)

Key highlights of the Report:

- Market Performance (2016-2021)
- Market Outlook (2022-2027)
- COVID-19 Impact on the Market
- Porter's Five Forces Analysis
- Historical, Current and Future Market Trends
- Market Drivers and Success Factors
- SWOT Analysis
- Structure of the Market
- Value Chain Analysis
- Comprehensive Mapping of the Competitive Landscape

TOC for the Report:

- Preface
- Scope and Methodology
- Executive Summary
- Introduction
- Global Market
- SWOT Analysis
- Value Chain Analysis
- Price Analysis
- Competitive Landscape

Note: If you need specific information that is not currently within the scope of the report, we can provide it to you as a part of the customization.

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IMARC's information products include major market, scientific, economic and technological developments for business leaders in pharmaceutical, industrial, and high technology organizations. Market forecasts and industry analysis for biotechnology, advanced materials, pharmaceuticals, food and beverage, travel and tourism, nanotechnology and novel processing methods are at the top of the company's expertise.

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