

Top 10 Cellular Analysis Market by Technology (Imaging, PCR, Flow Cytometry, High-content Screening, Blotting, Spectrophotometry), Application (Stem Cell, Cancer, Tissue Engineering) & End User (Biotechnology, Research) - Global Forecast to 2021

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Abstracts

The top 10 cellular analysis market is expected to reach USD 41.34 billion by 2021 from USD 28.66 billion in 2016, at a CAGR of 7.6% during the forecast period. Factors such as increasing government support in the form of funding in cell biology-based research, growing biotechnology industry, increasing prevalence of chronic and infectious diseases, and rising number of cancer cases are driving the growth of the top 10 cellular analysis market.

The top 10 cellular analysis market is categorized based on technology, application, end user, and region. The technology segments include cell imaging techniques, cell counting, flow cytometry, polymerase chain reaction (PCR), spectrophotometry, blotting, sample preparation technologies, high-content screening, centrifugation, and cell microarray technology. The cell imaging techniques segment is expected to account for the largest share of the top 10 cellular analysis market in 2016. Factors such as the rising incidence of diseases such as cancer, growing investments in cell biology research, and new product launches are driving the growth of this market.

On the basis of application, the top 10 cellular analysis market is categorized into biopharmaceutical applications, cancer research, stem cell research, tissue engineering and regenerative medicine, and other applications (virology, organ cultures, IVF, in vitro diagnostics, and genetic counselling). In 2016, the biopharmaceutical applications segment is expected to account for the largest share of the top 10 cellular analysis market. The increasing adoption of cell analysis technologies for the isolation of



biomolecules is the key factor driving the growth of this application segment.

The end-user segments of the top 10 cellular analysis market include hospitals and diagnostic laboratories, biotechnology and pharmaceutical companies, research laboratories and institutes, cell banks, and other end users (blood banks, food and beverage manufacturers, environmental monitoring organizations, and forensic laboratories). The hospitals and diagnostic laboratories segment is expected to account for the largest share of the top 10 cellular analysis market in 2016. Factors such as increasing investments in healthcare systems and high prevalence of infectious and chronic diseases are driving the growth of the hospitals and diagnostic laboratories segment.

Geographically, the top 10 cellular analysis market is dominated by North America, followed by Europe, Asia, and the Rest of the World (RoW). The large share of the North American market can be attributed to increasing government support for cancer and stem cell research as well as the growth of the biotechnology and biopharmaceutical industries in the region.

The major players in the top 10 cellular analysis market are Bio-Rad Laboratories (U.S.), Agilent Technologies (U.S.), Beckman Coulter, Inc. (U.S.), Thermo Fisher Scientific Inc. (U.S.), Becton, Dickinson and Company (U.S.), Merck KGaA (Germany), Olympus Corporation (Japan), GE Healthcare (U.S.), Tecan Group (Switzerland), and Nikon Instruments (Japan).

Research Coverage:

Apart from comprehensive geographic and product analysis and market sizing, the report also provides a competitive landscape that covers the growth strategies adopted by industry players over the last three years. In addition, the company profiles comprise the product portfolios, developments, and strategies adopted by the market players to maintain and increase their shares in the market. The abovementioned market research data, current market size, and forecast of the future trends will help key market players and new entrants to make the necessary decisions regarding product offerings, geographic focus, change in strategic approach, and levels of output in order to remain successful in the top 10 cellular analysis market.

Reasons to Buy the Report:

This report will enable both established firms as well as new entrants/smaller firms to



gauge the pulse of the market, which in turn will help these firms garner greater market shares. Firms purchasing the report can use any one or a combination of the belowmentioned five strategies for strengthening their market shares.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on the product portfolios of the top players in the top 10 cellular analysis market. The report analyses the top 10 cellular analysis market, by technology, application, end user, and region

Product Development/Innovation: Detailed insights on the upcoming technologies, R&D activities, and new product launches in the top 10 cellular analysis market

Competitive Assessment: In-depth assessment of the market strategies, geographic and business segments, and product portfolios of the leading players in the top 10 cellular analysis market

Market Development: Comprehensive information about emerging markets. This report analyses the top 10 cellular analysis market across geographies

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the top 10 cellular analysis market



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