

Global Biotechnology Reagents Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Biotechnology reagents - used in the field of diagnosis, genetics, research, molecular biology, education, immunology, and bioscience – are compounds or substances used to synthesize, examine, or detect the presence of another substance to enable test reading. Biotechnology reagents comprise technologies such as cell culture, spectrometry, IVD, PCR, chromatography, expression and transfection, flow cytometry, and electrophoresis, and find application in areas such as immunophenotyping, fluorescent microscopy, DNA analysis, and cell cycle analysis.

Scope of the Report:

This report studies the Biotechnology Reagents market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Biotechnology Reagents market by product type and applications/end industries.

The growing use of biotechnology reagents in therapeutics, commercial applications, and basic research is one of the foremost factors driving the global market. In addition, heavy investments in R&D activities, growing biomedical research, increasing number of biotechnology firms, and advancement in stem cell research have contributed to the growth of the biotechnology reagents market. The use of biotechnology reagents in the field of drug discovery is an emerging market where proteomics, DNA chips, combinatorial chemistry, and high throughput screening enjoy the spotlight. In contrast, high price of biopharmaceuticals is likely to restrain the growth of the biotechnology reagents market.

Contamination problems is one of the major factors hindering the biotechnology reagents market. Microbial contamination of incessant cell cultures by a varied diversity

of microorganisms is challenging in cell culture laboratories globally, particularly by mycoplasma. The later can be problematic to distinguish, cultivate to high densities without hostile effect on cell morphology, and can influence a wide variability of cell purposes, including altering retort to therapeutics.

North America dominates the global biotechnology reagents market and incurs the highest expenditure for global R&D. The United States accounted for the largest share of 73%, in 2016. The North American segment is on a rise, because of the ongoing research in biological sciences, considerable investments by various biotechnology companies, and the consistently increasing utilization of biotechnology reagents in the market. Due to the ongoing research and outsourcing activities in the field of life science, Asia-Pacific also has lucrative opportunities for growth over the forecast period. The global Biotechnology Reagents market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Biotechnology Reagents.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Agilent Technologies

BD

Merck

Bio-Rad Laboratories

Thermo Fisher Scientific

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Chromatography

Ivd

Pcr Cell Culture

Flow Cytometry

Mass Spectrometry

Electrophoresis

Market Segment by Applications, can be divided into

Gene Expression

Drug Testing

Dna And Rna Analysis

Protein Purification

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