



Market Analysis

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Market analysis of Clinical Chemistry

Significant transformations are undergoing in the [Clinical chemistry](#) markets due to stringent regulations and advancements in diagnostic technologies, [system engineering](#), automation, and IT technology. Also due to an increase in infectious and lifestyle diseases, such as diabetes and cardiovascular disorders, there is a prediction for significant growth in the global clinical chemistry market. Thus, current technologies have sanctioned a better perception of disease procedures.

The International Diabetes Federation states that by 2040 more than 10% of the world's adult population or around 642 million people will have diabetes. Also, the growth in the aging population is raising the clinical chemistry market as elderly people are generally prone to infectious diseases and other disorders. A peak in the use of automation in health care and developments in health care infrastructure is expected to create opportunities for the clinical chemistry market.

To measure and analyze the levels of proteins, sugars, and other products in the blood, [automated devices](#) called Clinical chemistry analyzers are used. Multiple innovations in the department of medical science, have led to the early detection and also found its treatment in the departments of endocrinology, neurology, gynecology, oncology, and others too. The global marketplace for clinical chemistry instrument is projected to expand at a healthy rate throughout the forecast amount of 2015 to 2023. The advantages of wet clinical analyzers over dry clinical analyzers, because the former enhances the standard of check results by potency that is probably going to spice up the clinical chemistry market growth within the next few years.

The supreme trend observed not so long ago is the in vitro diagnostics (IVD) industry, the mode of self-testing as contradicting to patient's hospital visits. As patients preferred self-testing to unending hospital visits, it is one of the biggest factors responsible for the growth of point-of-care testing. In 2012 Clinical chemistry was liable for twenty one.3% of the share of the IVD market.

For the next five years, the market for clinical chemistry tests is expected to grow at 3%, i.e from the current USD 17.8 billion to USD 19.7 billion in 2021. Due to advanced medical delivery systems and widespread health insurance coverage major developed economies like West European countries, Australia, Japan-US and Canada will account for almost 60 percent of the overall market. However, the markets in developing countries will also grow at a faster pace driven by the expansion and upgrade of medical delivery systems. The largest national market for clinical chemistry products.

The global polymer industry is expected to grow with a CAGR of 8.5%. over 2017-2022. The plastic antioxidants market by Polymer Resin is estimated to be USD 1.69 billion in 2017 and is projected to reach USD 2.11 billion by 2022, at a CAGR of 4.5% from 2017 to 2022. the market for water-soluble [polymers](#) market will grow from nearly \$37.4 billion in 2017 to \$49.6 billion by 2022 with a compound annual growth rate (CAGR) of 5.8% for the period of 2017-2022. According to 'Global Hair Fixative Polymers Market, By Type, By Application, By Region, Competition Forecast & Opportunities, 2012-2022', global hair fixative polymers market is projected to witness significant growth through the forecast period, surpassing 29 thousand metric tons in volume terms by the end of 2022. The global hair fixative polymers market is projected to grow at a CAGR of around 8% during 2017-2022 owing to a growing preference for on-the-go hair styling products and rising per capita expenditure across the globe.



The United States of America is anticipated to stay the biggest national marketplace for clinical chemistry product, accounting for over one-fourth of the global demand in 2021, or more than USD 5.1 billion. The Americas commanded the largest share (42%) of the global clinical chemistry market at an estimated \$4,332.3 million in 2013, expected to reach \$6,050.6 million by 2018, at a CAGR of 7.2% from 2013 to 2018. By the estimation of the Center for Medicare & Medicaid Services (CMS), health care spending in the U.S. is expected to grow about \$4.6 trillion in 2019 from \$2.7 trillion in 2011. Germany, in Europe commands the largest share (20%) at an estimated \$652.8 million in 2013, expected to reach \$853.3 million by 2018.10.12.

Clinical chemistry reagents, instruments, and accessories are the 3 segments by that the worldwide clinical chemistry is analyzed within the market. Each of the three segments experienced a positive growth till 2013, with a market value of \$10.3 billion, comprising \$8.74 billion for reagents and \$1.63 billion for instruments. The growth rate of the overall market is projected at a CAGR of 8.3%.

Geographically, due to the growth in the geriatric population and an increase in demand for innovative medical technology, North America dominated the global clinical chemistry market. Another region which is expected to a highly attractive clinical chemistry market due to increasing health care awareness and demand for advanced medical technology is the Asia Pacific. So as to gain a competitive advantage in the clinical chemistry industry, the key players such as Alfa Wassermann, Ortho-Clinical Diagnostics, Abbott, etc are adopting various growth strategies, such as collaborations, agreements, partnerships, and new product launches.

Target Audience

Eminent Scientists/Research Professors, Junior/Senior research fellows, Students, Directors of companies, Engineers, Members of different physics associations.

Universities in North-western Europe:

- University of Oxford
- University of Cambridge
- University of Amsterdam

Universities in Asia:

- National University of Singapore
- Tsinghua University

Major Marketing Associations and Societies in Canada and USA

- The Canadian Plastics Industry Association (CPIA)
- Chemistry Industry Association of Canada
- The Institute of Materials, Minerals and Mining (IOM3)
- Division of Polymer Chemistry Inc., American chemical Society
- American Plastics Council (USA)
- Society of Plastics Engineers (USA)

- Society of the Plastics Industry (USA)

Major Marketing Associations of Polymer Chemistry around the Globe

- British Plastics Federation
- European Council for Plasticizers and Intermediates
- American Coatings Association
- American Chemical Society (Division of Polymer Chemistry)
- American Physical Society Division of Polymer Physics (APS DPOLY)
- Polymer Division of the Royal Australian Chemical Institute (RACI Polymer Division)
- Belgian Polymer Group (BPG)
- Brazilian Polymer Association
- European Polymer Federation
- Bioenvironmental Polymer Society