

# Global Molecular Diagnostics Market Report: 2015 Edition

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## Abstracts

Molecular diagnostics is a dynamic and transformative area of diagnostics, leading to insights in research and treatment in many disease states that are revolutionizing health care. Molecular diagnostics detects and measures the presence of genetic material or proteins associated with a specific health condition or disease, helping to uncover the underlying mechanisms of disease and enabling clinicians to tailor care at an individual level facilitating the practice of personalized medicine.

Molecular diagnostics today is routinely used in hospitals, reference labs, and blood banks. In the latter, molecular tests are used to screen donated blood products for infectious diseases like hepatitis and HIV. In hospitals, testing is often performed to identify pathogens in patients with infections. In fact, infectious diseases are one of the strongest growing areas within the molecular diagnostics field. There is also increasing demand for such technologies at the point of care.

The report “Global Molecular Diagnostics Market” provides an in-depth analysis of the molecular diagnostics market along with a detailed study of its various segments. The major trends, growth drivers as well as issues being faced by the industry are being presented in this report. The four major players in the industry, Roche Holding AG, Qiagen NV, Abbott Laboratories and Novartis are being profiled.

The key factors driving the growth of the molecular diagnostics industry are rising incidence of chronic and infectious disease, rising awareness and acceptance of personalized medicine, expansion in emerging countries, ageing population and technological developments. Some of the noteworthy trend and developments of this industry are growth of next generation sequencing and growth in point of care diagnostics. However, the expansion of global molecular diagnostics industry is

hindered by challenges in genetic diagnostics and regulatory issues.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have predicted the future growth of the industry. We employed various significant variables that have an impact on this industry and created regression models with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent or predictor variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

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