

# Global Molecular Diagnostics Market Report: 2014 Edition

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## Abstracts

Over the years, medical science has made unprecedented progress in almost every sphere of human anatomy. In the pursuit, pathological sciences, in particular, have brought forth advancements that rendered the possibility of deploying certain tests that are performed on patient samples, including blood and tissues, in order to detect the presence of concerning physiological/pathological state, or concerning congenital abnormality. Essentially, In-vitro Diagnostics (IVD) have earned the title of 'silent champion' of the healthcare industry since this segment influences more than half of the decision-making in the overall healthcare industry.

Under this umbrella, the fastest growing segment, i.e. molecular diagnostics, involves performing analysis at the molecular level, and thereby measurement of DNA, RNA, proteins or metabolites to detect genotypes, mutations or biochemical changes, or to test for specific states of health or disease. Such diagnostic methods are capable of detecting viruses, bacteria, and parasites at a fast pace with greater sensitivity and specificity and thus, have been receiving greater inclination from physicians and affiliates.

The molecular diagnostics procedures for infectious diseases including CT/NG, HPV; encompasses four major disciplines: Virology, Bacteriology, Genetics and Blood Screening. Due to certain underlying factors, the oncology segment of the market is poised to undergo noteworthy expansion in the near future and thereby driving the molecular diagnostics market on the holistic basis. As of now, the global molecular diagnostics market is characterized by growth in large value mergers and acquisitions, personalized treatment in the field of oncology and reimbursement trend.

The report presents thorough analysis of the global molecular diagnostics market and

its various segments and also provides detailed information pertaining to its superset market, i.e. the diagnostics and the IVD industry. It further discusses the various trends, growth drivers and challenges faced by the industry. In addition to the market contention prevalent in the global molecular diagnostics market, major industry players including Roche Holdings, Novartis, Hologic and Qiagen are profiled herein.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have projected 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.

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