Molecular Diagnostics in Genetic Testing

Description:
Molecular diagnostics in genetic testing brings advanced analytical techniques to the diagnosis and treatment of genetic disorders. The confluence of breakthroughs in genomics and proteomics and the development of microarray devices to measure analytes in the blood and various body tissues are driving significant growth in the segment.

Major developments include the integration of specialty labs and gene expression profiling into clinical practice, the introduction and rapid growth of cell-free fetal DNA prenatal testing, the advancement of companion diagnostics for drug development, the widespread installed base of automated instruments for molecular testing and the development of personalized medicine. The genetic testing space is one of the most profitable sectors of molecular diagnostics and is expected to be an area of high growth and corporate change throughout the forecast period.

This report describes the emerging field of molecular diagnostics in genetic testing. This review analyzes the size and growth of the molecular diagnostics in genetic testing market, including the factors that influence the various market segments within it and the dollar volume of sales, both in the United States and worldwide. Moreover, this analysis profiles the leading companies focused on the molecular diagnostics for genetic testing sector.

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