

Cancer Profiling Market to Reach USD 15.0 Billion by 2035, Growing at 7.11% CAGR | Abbott Laboratories

US, NY, UNITED STATES, April 14, 2025

[/EINPresswire.com/](https://www.einpresswire.com/) -- The cancer profiling market is experiencing significant growth, driven by the rising prevalence of cancer and the increasing demand for personalized medicine. Cancer profiling involves the analysis of genetic, proteomic, and molecular characteristics of tumors to aid in the diagnosis, prognosis, and targeted treatment of cancer.

Advances in technologies such as next-generation sequencing (NGS), immunohistochemistry (IHC), and in situ hybridization (ISH) have enhanced the accuracy and speed of profiling techniques. Additionally, the integration of bioinformatics and the growing awareness among healthcare providers about precision oncology are further contributing to market expansion. While the market holds promising potential, challenges such as high costs, complex data interpretation, and regulatory hurdles remain key considerations for stakeholders.

As per MRFR analysis, the [Cancer Profiling Market Growth](#) Size was estimated at 6.58 (USD Billion) in 2023. The Cancer Profiling Market Industry is expected to grow from 7.05 (USD Billion) in 2024 to 15.0 (USD Billion) by 2035. The Cancer Profiling Market CAGR (growth rate) is expected to be around 7.11% during the forecast period (2025 - 2035).

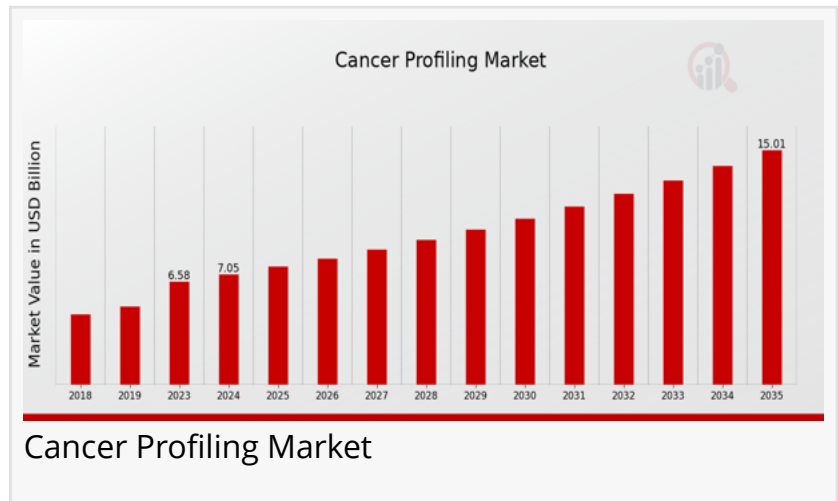
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Top Cancer Profiling Market Companies

Abbott Laboratories

Celgene



Exact Sciences

PerkinElmer

Merck

Roche

Thermo Fisher Scientific

Bristol-Myers Squibb

Biogen

Genomic Health

Agilent Technologies

NeoGenomics

Foundation Medicine

Illumina

Qiagen

The global cancer profiling market is primarily driven by the increasing incidence of cancer and the need for personalized treatment solutions. As more individuals are diagnosed with various types of cancer, the demand for advanced profiling technologies is on the rise. This shift towards personalized medicine is spurred by the recognition that tailored treatments significantly improve patient outcomes. Additionally, technological advancements in genomic and molecular profiling tools are enhancing precision in cancer detection and treatment strategies, further propelling market growth.

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Industry Detailed Segmentation:

Cancer Profiling Market Segmentation Insights

Cancer Profiling Market Technology Outlook

Next Generation Sequencing

Microarray

Polymerase Chain Reaction

Cancer Profiling Market Application Outlook

Diagnostics

Drug Discovery

Prognostics

Therapeutic Monitoring

Cancer Profiling Market End Use Outlook

Hospitals

Clinical Laboratories

Research Institutions

Cancer Profiling Market Regional Outlook

North America

Europe

South America

Asia Pacific

Middle East and Africa

The Global Cancer Profiling Market has evolved significantly, driven by advancements in technology and an increasing understanding of the genetic mechanisms underlying cancer. Competitive insights in this market reveal a dynamic landscape characterized by rapid product innovations, strategic collaborations, and an emphasis on enhancing personalized medicine. Companies are focusing not only on the development of novel diagnostic tools and comprehensive profiling services but also on expanding their geographic reach to tap into emerging markets.

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Personalized Treatment Plans

Cancer profiling enables tailored therapies based on the genetic and molecular makeup of a patient's tumor, leading to more effective and targeted treatment options.

Improved Diagnostic Accuracy

Advanced profiling techniques enhance the precision of cancer diagnosis, allowing early detection and differentiation between cancer subtypes.

Better Prognostic Predictions

By understanding the tumor's molecular characteristics, clinicians can make more accurate predictions about disease progression and patient outcomes.

Enhanced Drug Development

Profiling data helps pharmaceutical companies identify new drug targets, develop precision medicines, and repurpose existing drugs based on tumor biology.

Reduced Treatment Costs

Targeted therapies reduce the trial-and-error approach of traditional treatments, decreasing the use of ineffective drugs and unnecessary side effects.

Minimally Invasive Techniques

Many profiling methods use liquid biopsies and other non-invasive procedures, making testing safer and more comfortable for patients.

Real-Time Monitoring and Treatment Adjustment

Continuous profiling allows clinicians to monitor tumor evolution and adjust therapies in real-time, improving response rates and outcomes.

Increased Research and Clinical Trial Opportunities

Profiling opens doors for patients to participate in biomarker-driven clinical trials, accelerating innovation and access to cutting-edge treatments.

Population Health Insights

Aggregated profiling data contributes to cancer epidemiology studies, helping to identify patterns, risk factors, and trends across populations.

Support for Precision Medicine Initiatives

Cancer profiling is a cornerstone of precision medicine, aligning with global healthcare trends toward individualized patient care.

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