

Virtual Biopsy Market Report 2026 Market Outlook Supported By A Forecast 11.7% CAGR

The Business Research Company's Virtual Biopsy Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

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/EINPresswire.com/ -- "The [virtual](#)

[biopsy market](#) is gaining significant

attention as healthcare evolves toward

less invasive and more precise diagnostic methods. Driven by technological advancements and growing demand for safer alternatives to traditional biopsies, this market is set for impressive growth in the coming years. Here's a detailed look at its current size, growth drivers, major regional players, and key trends shaping the future.

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[Virtual Biopsy Market Size](#) and Growth Forecast Through 2030

The virtual biopsy market has witnessed rapid expansion recently, with its value projected to rise from \$0.71 billion in 2025 to \$0.79 billion in 2026, representing a strong compound annual growth rate (CAGR) of 11.9%. This growth during the historical period is largely due to a reliance on conventional biopsy methods, constraints in imaging technology, the increasing prevalence of chronic illnesses, enhanced hospital and diagnostic infrastructure, and a growing need for precise cancer diagnostics. Looking ahead, the market is expected to surge further, reaching \$1.23 billion by 2030 at a CAGR of 11.7%. Factors fueling this forecasted expansion include innovations in imaging algorithms and AI analytics, broader use of virtual biopsy in oncology and neurology, rising application in cardiovascular and ophthalmic conditions, integration with personalized medicine, and increased investments in research and diagnostic facilities.

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Understanding Virtual Biopsy and Its Benefits

Virtual biopsy is an advanced, non-invasive diagnostic technique that combines cutting-edge imaging technologies with sophisticated computer algorithms to assess tissue abnormalities such as tumors or infections. Unlike traditional biopsies, it eliminates the need for physically

extracting tissue samples, thereby reducing patient risk, discomfort, and recovery time. This method delivers faster, safer, and less painful diagnostics, making it an attractive alternative for both patients and healthcare providers.

Key Factor Driving [Virtual Biopsy Market Growth](#) - Rising Cancer Incidence

One of the primary drivers for the virtual biopsy market is the increasing occurrence of oncological disorders worldwide. Cancer involves abnormal cell growth and spread, often linked to lifestyle factors like unhealthy diets, sedentary lifestyles, tobacco use, and environmental pollution. Virtual biopsy enhances the diagnosis and monitoring of these conditions by offering non-invasive, real-time imaging that improves accuracy while minimizing the need for invasive tissue collection. For instance, in January 2023, Rock Health, a US digital health research firm, projected nearly two million new cancer cases in the United States alone, up from approximately 1.9 million in 2022. This rising prevalence directly supports the expanding demand for virtual biopsy technologies.

View the full virtual biopsy market report:

https://www.thebusinessresearchcompany.com/report/virtual-biopsy-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

Growing Telemedicine Adoption as a Market Catalyst for Virtual Biopsy

The surge in telemedicine usage is another vital factor propelling virtual biopsy market growth. Telemedicine enables healthcare delivery remotely through digital communication tools such as video calls, mobile applications, and network technologies. Its popularity stems from improved access to healthcare, cost savings, and advancements in digital health innovations. Virtual biopsy complements telemedicine by allowing remote, non-invasive tissue evaluation using advanced imaging and AI-driven analysis. This capability enables clinicians to diagnose and monitor patients without in-person visits, enhancing both accessibility and continuous patient care. Supporting this trend, a July 2023 report from Harmony Healthcare IT revealed that 62% of Americans had utilized telehealth services, with over three-quarters (77%) considering it the future of healthcare.

Leading Regions in the Virtual Biopsy Market

In 2025, North America dominated the virtual biopsy market in terms of size, benefiting from advanced healthcare infrastructure and technology adoption. However, the Asia-Pacific region is anticipated to experience the fastest growth during the forecast period. The comprehensive market analysis encompasses regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a global perspective on emerging opportunities and challenges.

Our 2026 market reports now offer broader strategic coverage through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, along with updated graphics and tables.

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