

Digital Pathology Market Size Poised to Reach USD 17.91 Billion by 2030, Driven by Impressive 9.3% CAGR: AMR

North America dominated the digital pathology market in 2025, and is expected to continue to dominate during the forecast period

PORTLAND, OR, UNITED STATES, October 3, 2025 /EINPresswire.com/ -- Rise in geriatric population and rapid technological advancements in digital pathology systems are the factors that fuel the growth of the <u>digital pathology market</u>. According to the National Cancer Statistics in 2020, around 1,806,590 new cases of cancer in the



Digital Pathology Market 2035

U.S. Therefore, the growing number of cancer cases can be attributed to the rapid increase in geriatric population which is more prone to cardiac disorders. This is anticipated to boost the growth of the market. In addition, in February 2019, Neuberg Diagnostics and OptraSCAN Inc., announced the launch of Global TELEPath Network for the pathologist community in UAE, India and South Africa under new joint venture namely Neuberg DIGIPATH. Therefore, development of new technologies in digital pathology system has led to increase the growth of the market.

According to the report published by Allied Market Research, the global digital pathology market was estimated at \$735.75 million in 2020 and is expected to hit \$1791.30 million by 2030, registering a CAGR of 9.3% from 2021 to 2030. The report provides an in-depth analysis of the top investment pockets, top winning strategies, drivers & opportunities, market size & estimations, competitive scenario, and wavering market trends.

• Digital Pathology Systems: These include scanners that digitize glass slides into high-resolution

images, image analysis software, and storage solutions.

- Software and AI: AI-driven software solutions are used for image analysis, enabling faster and more accurate diagnosis by identifying patterns and anomalies in tissue samples.
- Telepathology: The remote viewing and analysis of pathology images, allowing for collaboration between pathologists across different locations.
- Storage and Management Systems: Cloud-based and on-premise solutions for storing and managing large volumes of digital pathology data.

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- Advances in AI and Machine Learning: Enhancements in AI and ML are making digital pathology more accurate and efficient, driving adoption.
- Growing Prevalence of Cancer: The rise in cancer cases globally is increasing the demand for effective diagnostic tools, including digital pathology.
- Regulatory Approvals: Increasing FDA and CE Mark approvals for digital pathology systems, boosting market confidence.
- Efficiency and Workflow Improvement: Digital pathology reduces the turnaround time for diagnosis and improves the overall efficiency of pathology labs.

- High Costs: The initial cost of digital pathology systems and software can be a barrier for smaller healthcare providers.
- Regulatory and Standardization Issues: Variability in regulations across different regions can hinder the global adoption of digital pathology.
- Data Security and Privacy: Concerns about the security and privacy of patient data in digital systems.

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- Integration with AI: Increasing integration of AI and machine learning algorithms for automated image analysis.
- Cloud-Based Solutions: Growing adoption of cloud-based storage and management systems for easier access and collaboration.
- Partnerships and Collaborations: Strategic partnerships between technology companies and healthcare providers to enhance digital pathology solutions.

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- 3DHISTECH LTD
- Danaher Corporation
- Glencoe Software Inc.
- HAMAMTSU Photonics K.K

- Indica Labs Inc.
- Koninklijke Philips N.V
- Nikon Corporation
- Roche
- VisoPharma A/S
- Perkinelmer Inc.

The global digital pathology market is analyzed across types, applications, and end-user.

Based on product type, the scanners segment accounted for the major share in 2020, holding more than two-thirds of the global market. The same segment would also exhibit the fastest CAGR of 9.6% throughout the forecast period.

Based on application type, the disease diagnosis segment generated the highest share in 2020, accounting for more than one-third of the global market. The same segment would also portray the fastest CAGR of 9.8% from 2021 to 2030.

Based on region, the market across North America held the lion's share in 2020, garnering nearly half of the global market. The Asia-Pacific region, on the other hand, is expected to cite the fastest CAGR of 10.6% by the end of 2030. The other provinces studied in the report include Europe and LAMEA.

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Our Market Research Solution Provides You Answer to Below Mentioned Question:

- Which are the driving factors responsible for the growth of market?
- Which are the roadblock factors of this market?
- What are the new opportunities, by which market will grow in coming years?
- What are the trends of this market?
- Which are main factors responsible for new product launch?
- How big is the global & regional market in terms of revenue, sales and production?
- How far will the market grow in forecast period in terms of revenue, sales and production?
- Which region is dominating the global market and what are the market shares of each region in the overall market in 2022?
- How will each segment grow over the forecast period and how much revenue will these segments account for in 2030?
- Which region has more opportunities?

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