

Global Anatomic Pathology Market Size Study, by
Product & Service (Anatomic Pathology Instruments,
Anatomic Pathology Consumables, Anatomic
Pathology Services), by Application (Disease
Diagnosis, Drug Discovery and Development, Others),
by End User (Hospitals, Research Laboratories,
Diagnostic Laboratories, Others) and Regional
Forecasts 2022-2032

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Abstracts

The global anatomic pathology market was valued at approximately USD 35.17 billion in 2023 and is expected to expand at a compound annual growth rate (CAGR) of 8.2% from 2024 to 2032, surpassing USD 61.1 billion by the end of 2032. Anatomic pathology is a vital branch of pathology that focuses on examining tissues, organs, and entire bodies (autopsies) to diagnose diseases and understand pathological conditions. This field involves macroscopic and microscopic analyses of surgical specimens and biopsies, with applications ranging from cancer diagnosis and staging to identifying infectious agents, detecting autoimmune diseases, and assessing transplant organ rejection. Anatomic pathology plays a crucial role in guiding treatment decisions, predicting disease prognosis, and advancing medical research. Key techniques utilized in anatomic pathology include histopathology, immunohistochemistry, and molecular pathology, providing detailed insights into disease mechanisms and progression. The increasing prevalence of chronic diseases such as cancer, cardiovascular diseases, and diabetes is a significant driver of the anatomic pathology market. As the global population ages, the incidence of these diseases rises, necessitating more pathological examinations and diagnostic tests to guide treatment plans and improve patient outcomes. This trend boosts the demand for anatomic pathology services and



equipment. Furthermore, technological advancements in pathology, such as digital pathology, immunohistochemistry, and molecular pathology, enhance diagnostic accuracy and efficiency. Digital pathology, for example, allows for the storage, management, and interpretation of pathology information in a digital format, facilitating easier access and collaboration among healthcare professionals. These innovations increase the demand for advanced anatomic pathology tools and services. Personalized medicine, which tailors treatment to individual patient characteristics, relies heavily on accurate diagnostic information from anatomic pathology. As personalized medicine gains traction, the need for precise pathological assessments increases, driving market growth. Anatomic pathology plays a crucial role in identifying biomarkers and guiding targeted therapies. Emerging markets, particularly in Asia-Pacific and Latin America, present significant growth opportunities for the anatomic pathology market. These regions are witnessing improvements in healthcare infrastructure and increasing investments in healthcare technologies. As access to healthcare services expands, the demand for anatomic pathology services is expected to rise, creating new market opportunities. However, one of the main challenges stifling the growth of the anatomic pathology market is the high cost of advanced pathology instruments and services. Many healthcare facilities, especially in developing regions, may struggle to afford these technologies, limiting their adoption. Additionally, the cost of training personnel to effectively use advanced pathology systems can be prohibitive, further constraining market growth. Despite these challenges, the integration of artificial intelligence (AI) and machine learning in anatomic pathology presents opportunities for enhanced diagnostic accuracy and workflow efficiency. Al can assist pathologists by automating routine tasks, analyzing complex data sets, and providing insights that improve diagnostic precision. This integration is expected to drive innovation and growth in the market. North America dominated the market and accounted for the largest revenue share of 45% in 2023. The region is anticipated to continue its dominance over the forecast period. This growth can be attributed to the presence of well-established players, the growing implementation of digital pathology services with advanced imaging tools, rising awareness about regular health screening, and favorable government reimbursement policies. Efforts by key players to maintain their market share drive the U.S. market to a dominant position. The Asia Pacific market is expected to grow at the fastest CAGR of 11.6% over the forecast period from 2024 to 2032.

Major market players included in this report are:

Danaher

PHC Holdings Corporation

Quest Diagnostics Incorporated

Laboratory Corporation of America Holdings

F. Hoffmann-La Roche AG



Agilent Technologies, Inc.

Cardinal Health

Sakura Finetek USA, Inc.

NeoGenomics Laboratories, Inc.

BioGenex

The detailed segments and sub-segment of the market are explained below:

By Product & Service:

- Anatomic Pathology Instruments
- Anatomic Pathology Consumables
- Anatomic Pathology Services

By Application:

- Disease Diagnosis
- Drug Discovery and Development
- Others

By End User:

- Hospitals
- Research Laboratories
- Diagnostic Laboratories
- Others

By Region:

- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- France
- Spain
- Italy
- ROE
- Asia Pacific
- China
- India
- Japan
- Australia
- South Korea
- RoAPAC
- Latin America
- Brazil



- Mexico
- RoLA
- Middle East & Africa
- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year 2022
- Base year 2023
- Forecast period 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market.



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