

# **Histology and Cytology Market Report by Product (Instruments and Analysis Software System, Consumable and Reagents), Type of Examination (Histology, Cytology), Test Type (Microscopy Tests, Molecular Genetics Tests, Flow Cytometry), Application (Drug Discovery and Designing, Clinical Diagnostics, Research), and Region 2024-2032**

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## **Abstracts**

The global histology and cytology market size reached US\$ 16.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 39.4 Billion by 2032, exhibiting a growth rate (CAGR) of 9.92% during 2024-2032.

Histology and cytology are branches of biology dealing with chemistry, structure and function of tissues and cells of animals and plants at a microscopic level. They assist medical staff in diagnosing diseases, such as cancer, cervical disease, tuberculosis, human papilloma virus (HPV) infection, abnormal growth, inflammatory diseases, leukemia, smallpox, and rabies. They also help enhance the sensitivity, specificity and accuracy of diagnostic methods. As a result, they find extensive applications in hospitals, clinics, and research and development (R&D) institutes across the globe.

**Histology and Cytology Market Trends:**

At present, there is a rise in the number of cancer patients across the globe. This, along with the favorable reimbursement policies for laboratory tests, represents one of the key factors driving the market. Moreover, the growing integration of digital solutions in cytological diagnosis aids in rapidly interpreting primary diagnostic data, which is positively influencing the market. In addition, major manufacturers are launching new and advanced cytology systems for helping in the rapid on-site evaluation of cytology

samples. This, coupled with the rising traction of immunohistochemistry (IHC) for visualizing cellular components, is propelling the growth of the market. Besides this, there is an increase in the standardization of pathological laboratories around the world. This, along with technological advancements in diagnostic and molecular techniques, is contributing to the growth of the market. Additionally, increasing awareness about the advanced therapeutics and enhanced healthcare infrastructure worldwide is offering lucrative growth opportunities to industry investors. Furthermore, key market players are focusing on acquisitions, mergers, partnerships, and collaborations to expand their customer base. They are also launching new products and receiving product approvals from regulatory authorities, which is projected to bolster the growth of the market.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global histology and cytology market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, type of examination, test type and application.

#### Breakup by Product:

- Instruments and Analysis Software System
- Consumable and Reagents

#### Breakup by Type of Examination:

- Histology
- Cytology

#### Breakup by Test Type:

- Microscopy Tests
- Molecular Genetics Tests
- Flow Cytometry

#### Breakup by Application:

- Drug Discovery and Designing
- Clinical Diagnostics
- Point-of-Care (PoC)
- Non-Point-of-Care

## Research

### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Abbott Laboratories, Becton Dickinson and Company, Carl Zeiss AG, Danaher Corporation, F. Hoffmann-La Roche AG, Hologic Inc., Koninklijke Philips N.V., Merck KGaA, Olympus Corporation, PerkinElmer Inc., Sysmex Corporation, Thermo Fisher Scientific Inc. and Trivitron Healthcare.

### Key Questions Answered in This Report

1. What was the size of the global histology and cytology market in 2023?

2. What is the expected growth rate of the global histology and cytology market during 2024-2032?
3. What are the key factors driving the global histology and cytology market?
4. What has been the impact of COVID-19 on the global histology and cytology market?
5. What is the breakup of the global histology and cytology market based on the product?
6. What is the breakup of the global histology and cytology market based on the type of examination?
7. What is the breakup of the global histology and cytology market based on test type?
8. What is the breakup of the global histology and cytology market based on the application?
9. What are the key regions in the global histology and cytology market?
10. Who are the key players/companies in the global histology and cytology market?

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