

# Clinical Diagnostics Market to Reach USD 143.8 Billion by 2032, Says SNS Insider

*Growing Prevalence of Chronic Diseases and Advances in Diagnostic Technologies Drive Market Expansion at a 6.5% CAGR*

AUSTIN, TX, UNITED STATES, February 21, 2025 /EINPresswire.com/ -- According to Research by SNS Insider, The [clinical diagnostics market](#) was valued at approximately USD 81.6 billion in 2023 and is expected to reach USD 143.8 billion by 2032, growing at a compound annual growth rate (CAGR) of 6.5% during the forecast period 2023-2032.

The global clinical diagnostics market is experiencing significant growth, driven by an increasing number of chronic and infectious diseases, and a growing demand for personalized treatment.

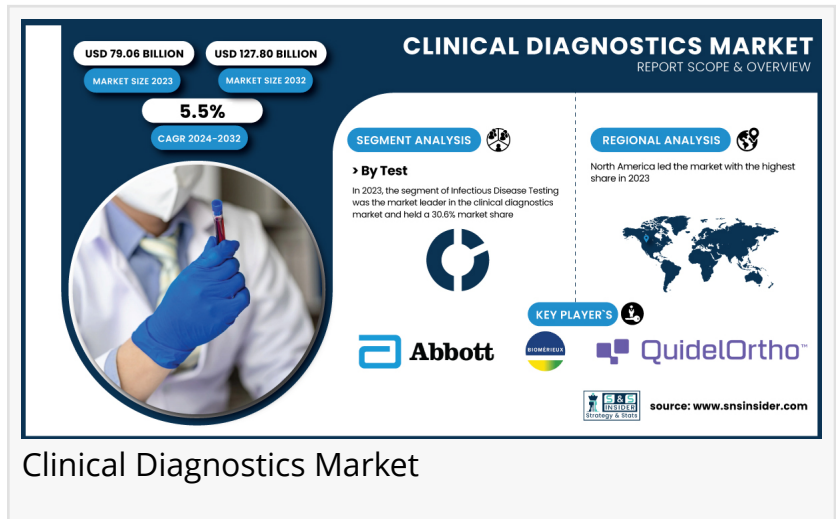
## Market Analysis

The introduction of new technologies next-generation sequencing (NGS), digital pathology, and imaging methods has improved the accuracy and efficiency of diagnostic tests. They allow for earlier disease diagnosis and tailored treatment strategies, both critical approaches to treating chronic health challenges and enhancing patient outcomes. Incorporating AI and machine learning into diagnostic workflows contributes to this streamlining and improves diagnostic accuracy. Chronic diseases, such as cancer, diabetes, and cardiovascular disorders are becoming increasingly common, driving the demand for early detection and regular monitoring via diagnostic tests. For instance, the World Health Organization reported over 10.6 million tuberculosis cases globally in November 2023, highlighting the critical role of diagnostics in managing such widespread health issues.

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## Key Players in Clinical Diagnostics Market

- Abbott – Architect, Alinity
- bioMérieux SA – VITEK 2, VIDAS



Clinical Diagnostics Market

- QuidelOrtho Corporation – Sofia, QuickVue
- Siemens Healthineers AG – ADVIA, Atellica
- Bio-Rad Laboratories, Inc. – Unity, Droplet Digital PCR
- Qiagen – QIAamp, Rotor-Gene
- Sysmex Corporation – Sysmex XN-series, HemoCue
- Charles River Laboratories – In Vitro Diagnostic Testing Solutions
- Quest Diagnostics Incorporated – Quest Diagnostics Lab Testing
- Agilent Technologies, Inc. – Agilent SureSelect, Bioanalyzer
- Danaher Corporation – Beckman Coulter, Cepheid
- F. Hoffmann-La Roche Ltd. – Cobas, Elecsys
- Thermo Fisher Scientific – Thermo Scientific, Ion Torrent
- Becton, Dickinson and Company – BD Veritor, BD Vacutainer

## Segmentation analysis

### By Test

The infectious disease testing segment held the largest market share of over 30.6% in 2023. The increasing prevalence of infectious diseases such as tuberculosis, hepatitis, and emerging viral infections has heightened the demand for reliable diagnostic tests. The development of advanced molecular diagnostic techniques such as polymerase chain reaction (PCR) and enzyme-linked immunosorbent assay (ELISA) has enabled faster and more accurate result assessments, leading to improved disease identification and better outcomes. There is also an emerging potential for point-of-care testing (POCT), which provides faster diagnostic capabilities in settings where resources are scarce. Investments in infectious disease testing technologies are set to increase with the rising threat of global pandemics and antimicrobial resistance.

### By Product

The reagents segment held the largest market share in 2023, being an essential component of diverse types of diagnostic procedures. Reagents are essential for identifying biomarkers and signs of disease in blood, urine, and tissue samples. Reagent formulations are improving constantly, allowing for a higher sensitivity and specificity, which enables more accurate results. The growing demand for rapid diagnostics has accelerated innovations in reagent-based tests, including immunoassays and molecular diagnostics. In addition, the increased incidence of chronic diseases has propelled the demand for biomarker-specific reagents to be used for early disease detection and monitoring. While technological advances in diagnostics continue, reagent-based tests will remain a key pillar in clinical diagnostics.

### By End User

The increase in the number of hospital laboratories and their ability to perform full diagnostic tests are major factors increasing segment growth. Diagnostic laboratories within the hospital system provide the full range of tests from basic to more specialized tests, allowing quick identification of disease processes that drive therapy decisions. Automated processes powered by AI have helped hospital labs slash turnaround times and provide better patient care. Also, the

rising investments from hospitals in advanced diagnostic equipment, which include high-throughput analyzers and digital pathology systems, are further improving laboratory efficiency. The growing burden of chronic diseases, along with the aging of the global population, is likely to result in continuous growth in hospital-based diagnostics over the next few years.

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### Regional Analysis

In 2023, North America held the largest market share in clinical diagnostics owing to the established healthcare infrastructure and surging uptake of advanced diagnostic solutions. The region's high investment in research and development has led to breakthroughs in molecular diagnostics and digital health technologies. Regulatory support from agencies like the FDA has facilitated the launch of cutting-edge diagnostic tools. Moreover, the presence of significant market players such as Abbott, Roche, and Thermo Fisher Scientific has solidified the place of this region. The presence of chronic diseases is increasing globally, as is the extent of government initiatives for the early detection of conditions, which are expected to promote market growth in North America.

It is expected that the Asia-Pacific region will register the highest CAGR throughout forecast period. Increasing healthcare expenditure, rapid urbanization, and a rising burden of chronic diseases are some of the underlying factors associated with the high demand for advanced diagnostic solutions. Market growth in this region is further enhanced by government initiatives to boost healthcare access and quality.

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