Global Point of Care Testing (POCT) Market, By Diagnostics Segment (Blood Glucose Testing, Cardiac Marker Testing, Lipid Panel/Cholesterol Testing, Coagulation Testing, Infectious Disease Testing, Urinalysis, Drug of Abuse Testing, Fecal Occult Blood Testing, Pregnancy & Fertility Testing, Tumor Marker Testing, Critical Care Testing, HbA1c Testing, Clinical Chemistry Testing, Bilirubin Testing, Hematology Testing), By Mode (Prescription-based Testing, OTC-based Testing), By Platform (Lateral Flow Assays, Immunoassays, Microfluidics, Dipsticks, Molecular Diagnostics, Others), By End User (Hospitals, Clinics, Laboratories, Assisted Living Healthcare Facilities, Home Care), By Region (North America, Europe, Asia Pacific, Latin America, Middle East and Africa), Trends, Recent Developments, Company Profiles - Forecast to 2031

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Abstracts

The global point of care testing (POCT) market is predicted to reach US$ 79.30 Billion by 2031, from US$ 44.24 Billion in 2023. The demand for point of care testing is increasing across the globe, backed by increasing introduction of transportable, portable, and handheld instruments that has resulted in the migration of POC testing

from the hospital environment to a range of medical environments including the workplace, home, disaster care and most recently, convenience clinics. The rising incidence of infectious diseases and chronic conditions such as cardiovascular diseases and diabetes have stimulated the demand for point of care testing services. Infectious diseases are one of the primary causes of mortality globally, as they claim approximately 17 million lives annually, making up around 30% of the 56 million deaths recorded worldwide. As per statistics of the International Diabetes Federation, in 2021, approximately 537 million adults (20-79 years) are living with diabetes globally, and it is estimated to reach 643 million by 2030 and 783 million by 2045. Hence, the growing incidence of infectious diseases and chronic conditions will drive the point of care testing market growth over the forecast period.

Besides, manufacturers in the POCT market are focusing on developing novel technologies for maximum testing within a minimum period. For instance, in February 2024, Abbott Laboratories secured regulatory approval from the FDA for its Binx Now COVID-19 & Flu A/B test. This point-of-care test has the capability to concurrently identify COVID-19, influenza A, and influenza B viruses, providing a more comprehensive diagnosis for respiratory infections at the point of care. Earlier, Abbott has introduced ID NOW, the world's quickest molecular POC test, which provides COVID-19 findings in 13 minutes and is usable in a variety of decentralized healthcare settings such as doctors' offices and urgent care clinics.

Recent Developments

In June 2024, Roche announced that the U.S. Food and Drug Administration (FDA) has granted Emergency Use Authorization for its cobas liat SARS-CoV-2, Influenza A/B & RSV nucleic acid test, an automated multiplex real-time polymerase chain reaction (RT-PCR) assay on the cobas liat system.

In December 2023, QIAGEN AV introduced the QIAcube Connect, a novel automated sample-to-result PCR platform tailored for point-of-care settings. The primary goal of this platform is to furnish swift and precise molecular diagnostic outcomes in closer proximity to patients.

In June 2023, Sysmex Corporation launched a point-of-care testing system for rapid detection of antimicrobial susceptibility in Europe using a unique and proprietary microfluidic technology.

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By Diagnostics Segment: Global Point of Care Testing Market & Forecast – Key Takeaways

Based on diagnostics segment, the blood glucose testing segment held majority share of the global point of care testing market. Increasing usage of home-based glucose monitoring systems is one of the key trends observed in the point of care diagnostics industry. In recent times, there has been increased use of blood glucose testing due to growing geriatric population, rising obese population, increasing lifestyle associated diseases and increasing prevalence of diabetes.

Cardiac marker segment is expected to grow at a significant rate over the forecast period. The growing prevalence of cardiovascular ailments, increasing purchasing power, rise in the geriatric population, associated with high susceptibility to chronic diseases related to cardiac disorders, and economical diagnosis of chronic diseases in rural areas is expected to drive the market for cardiac markers.

Infectious diseases are the primary cause of mortality as they claim approximately 17 million lives annually, making up around 30% of the 56 million deaths recorded worldwide. Infectious disease testing has shifted from centralized to decentralized POC testing, resulting in better patient care. For instance, Abbott has introduced ID NOW, the world's quickest molecular POC test, which provides COVID-19 findings in 13 minutes and is usable in a variety of decentralized healthcare settings.

By Mode: Global Point of Care Testing Market & Forecast – Key Takeaways

Based on mode, the point of care testing market is dominated by OTC-based testing segment, as these tests are cost-effective as well as easy operative in nature. OTC tests do not require dedicated space as clinical laboratory, and even their turn around time is quick.

The Prescription based testing segment is expected to grow at the highest rate over the forecast period.

By Platform: Global Point of Care Testing Market & Forecast – Key Takeaways

By platform, the Lateral Flow Assays (LFA) segment accounted for largest revenue share in 2023. Lateral flow assays are simple devices used to detect the presence or absence of target analytes in samples. In the past few years, the POC diagnostics market for LFA has grown significantly due to the increasing adoption of LFA testing products in home care settings.

The point of care testing market for immunoassays technology is expected to witness significant growth over the forecast timeframe. Rapid immunoassays improve quality of care through its performance at point of care facilities, such as student health clinics, labor and delivery suites and emergency rooms. The cost-effectiveness offered by these immunoassays will influence segment growth over the forecast period.

Molecular diagnostics segment is likely to witness the highest growth over the forecast period, driven by increasing prevalence of infectious diseases and cancer, rising focus on decentralized diagnostics, increasing R&D funding, growing awareness on the early detection of infectious diseases, and the increasing use of POC diagnostic tests.

Microfluidic based point-of-care testing provides prompt results and also improves disease detection and diagnosis with the help of small sample volumes.

By End Users: Global Point of Care Testing Market & Forecast – Key Takeaways

Based on end users, the point of care testing market is segmented into Hospitals, Clinics, Laboratories, Home Care and Assisted Living Healthcare Facilities.

Hospitals held majority of the point of care testing market, followed by Clinics. Increase in prevalence of chronic conditions such as cancer and cardiovascular diseases that require proper monitoring and prefer minimally invasive procedures are carried out in hospitals and clinics. The use of point of care testing devices in clinics is expanding at a significant pace. A significant number of Clinical Laboratory Improvement Amendments (CLIA)-waived tests are implemented within clinics for diagnosis of a diverse range of disorders.

The home care segment is expected to grow at the highest rate over the forecast period driven by increasing preference for home and remote monitoring and rising demand for rapid tests among home care users. Availability of cost-effective and user-friendly alternatives for disease management will stimulate the segmental growth over the forecast timeframe.

By Region: Global Point of Care Testing Market & Forecast – Key Takeaways

North America captured highest share of the global point of care testing market in 2023. This can be attributed to rising prevalence of chronic disorders and infectious diseases, which need portable and rapid diagnosis, increasing number of product approvals, and rising government initiatives to support the adoption of POCT in this region.

Europe held second highest share of the global point of care testing market. The growth would be supported by the launch of new products, innovative technological revolution, rising prevalence of chronic disorders and infectious diseases, and increase in reliability on POCT products by home patients & institutional buyers.

Asia-Pacific point of care testing market is expected to grow at a lucrative rate over the forecast period, driven by four major factors namely growing geriatric population base in countries such as Japan and China, rising prevalence of target diseases, increasing demand for home healthcare and the introduction of new products enabled with advanced technologies.

iGATE RESEARCH report titled “Global Point of Care Testing (POCT) Market, By Diagnostics Segment (Blood Glucose Testing, Cardiac Marker Testing, Lipid Panel/Cholesterol Testing, Coagulation Testing, Infectious Disease Testing, Urinalysis, Drug of Abuse Testing, Fecal Occult Blood Testing, Pregnancy & Fertility Testing, Tumor Marker Testing, Critical Care Testing, HbA1c Testing, Clinical Chemistry Testing, Bilirubin Testing, Hematology Testing), By Mode (Prescription-based Testing, OTC-based Testing), By Platform (Lateral Flow Assays, Immunoassays, Microfluidics, Dipsticks, Molecular Diagnostics, Others), By End User (Hospitals, Clinics, Laboratories, Assisted Living Healthcare Facilities, Home Care), By Region (North America, Europe, Asia Pacific, Latin America, Middle East and Africa), Trends, Recent Developments, Company Profiles - Forecast to 2031” provides a comprehensive analysis of the Global Point of Care Testing Market.

This 308 Page report with 73 Figures and 12 Tables has been analyzed from 10 View Points:

1) Global - Point of Care Testing Market & Forecast (2015 - 2031)

2) Global - Point of Care Testing Market Share and Forecast (2015 - 2031)

3) By Diagnostics Segment - Global Point of Care Testing Market & Forecast (2015 - 2031)

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By Diagnostics Segment - Global Point of Care Testing Market & Forecast

1. Blood Glucose Testing

2. Cardiac Marker Testing

3. Lipid Panel/Cholesterol Testing

4. Coagulation Testing

5. Infectious Disease Testing

6. Urinalysis Testing

7. Drug of Abuse Testing

8. Fecal Occult Blood Testing

9. Pregnancy & Fertility Testing

10. Tumor Marker Testing

11. Critical Care Testing

12. HbA1c Testing

13. Clinical Chemistry Testing

14. Bilirubin Testing

15. Hematology Testing

By Mode - Global Point of Care Testing Market & Forecast

Prescription-based Testing

TC-based Testing

By Platform - Global Point of Care Testing Market & Forecast

Lateral Flow Assays

Immunoassays

Microfluidics

Dipsticks

Molecular Diagnostics

Others

By End Users - Global Point of Care Testing Market & Forecast

1. Hospitals

2. Clinics

3. Laboratories

4. Assisted Living Healthcare Facilities

5. Home Care

By Region - Global Point of Care Testing Market & Forecast

1. North America

2. Europe

3. Asia Pacific

4. Latin America

5. Middle East & Africa

Global Point of Care Testing Market - 104 Company Profiles

1. Abbott Laboratories 2. Siemens Healthineers 3. Roche Diagnostics 4. Quest Diagnostics 5. Becton, Dickinson and Company 6. ACON Laboratories 7. Abaxis, Inc 8. Abingdon Health, Ltd 9. Access Bio, Inc. 10. AccuBioTech Co, Ltd. 11. Akers Biosciences, Inc. 12. Alfa Scientific Designs, Inc 13. American Bio Medica Corporation 14. AmniSure International 15. Aquila Diagnostic Systems, Inc 16. ARKRAY Inc 17. Artron Laboratories Inc. 18. Ascensia Diabetes Care Holdings AG 19. Immune IQ (Formerly Ativa) 20. Atlas Link Biotech Co., Ltd 21. Audit Diagnostics 22. Augurix Diagnostics 23. Autobio Diagnostics Co., Ltd 24. Axxin 25. Beckman Coulter, Inc 26. Bhat Bio-Tech India Private Ltd. 27. bioLytical Laboratories 28. BioMedomics, Inc 29. Biomerica, Inc. 30. bioMerieux SA 31. Biophor Diagnostics, Inc 32. Bio-Rad Laboratories Inc. 33. Bioscan Screening Systems, Inc. 34. Biosensia Ltd. 35. BTNX Inc. 36. Boditech Med Inc 37. Xiamen Boson Biotech Co. Ltd 38. Calypte Biomedical Corporation 39. Cepheid, Inc 40. Chembio Diagnostic Systems, Inc. (Acquired by

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Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals, Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non-printable sources, Newspaper, Magazine and Journal Content, Government and NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries and Local Councils and a large number of Paid Databases.

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