

Urinalysis Market Set to Reach USD 5.83 Bn by 2032, Driven by Rising Demand for Diagnostic Testing & Home Care Solutions

The urinalysis market is experiencing rapid expansion, driven by innovation in testing methods and rising demand for effective disease monitoring.

AUSTIN, TX, UNITED STATES, November 19, 2024 /EINPresswire.com/ -- The <u>Urinalysis Market</u> was esteemed at USD 3.05 Billion in 2023 and is expected to reach USD 5.83 Billion by 2032, growing at a CAGR of 7.49% over the forecast period from 2024 to 2032.



Growing Demand for Early Diagnosis and Home-Based Testing Fueling Market Expansion

The increasing prevalence of chronic diseases such as kidney, diabetes, and liver diseases, with the rising adoption of point-of-care (POC) diagnostic devices, is significantly driving the growth of the urinalysis market. The demand for more accessible and reliable testing solutions, particularly for home care settings, is reshaping the market. Additionally, innovations in urinalysis products, such as automated and semi-automated analyzers, are further propelling the market expansion.

Market Overview

The urinalysis market plays a pivotal role in the early detection and management of a variety of diseases, including diabetes, urinary tract infections (UTIs), kidney diseases, and liver disorders. The demand for urinalysis is being driven by the need for non-invasive, cost-effective diagnostic tests. Moreover, the increasing burden of lifestyle diseases and the demand for personalized healthcare are fueling market growth. The market is segmented by product type, test type, application, and end-user, each contributing to the overall expansion. The availability of point-of-care testing devices is making it easier for patients to perform urine tests at home, further supporting market growth. Also, continuous technological advancements are expected to boost

the market's progression, with new products such as automated urine analyzers and disposable urine test kits gaining significant traction.

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Key Players: Roche Diagnostics Siemens Healthcare Sysmex Corporation Elektronika KFT Arkray Inc. Beckman Coulter Inc. Mindray Medical International Limited URIT Medical Electronic Group Co. Ltd. Acon Laboratories Inc. Bio-Rad Laboratories Inc

Segment Analysis

By Product Type: Consumables Instruments

The "Consumables" segment held a dominant position in the urinalysis market, contributing to more than 58.3% of the total share driven by the widespread use of dipsticks, reagents, and disposables in diagnostic procedures. Consumables are essential in routine testing due to their low cost, ease of use, and high availability. They are integral to laboratories, clinics, and hospitals for conducting biochemical and sediment urinalysis, making them indispensable in daily diagnostics. Conversely, the "Automated Urine Analyzers" segment is the fastest-growing due to their ability to provide more precise results in less time, reducing human error and increasing overall testing efficiency. These analyzers streamline workflows, making them attractive for adoption across healthcare facilities, particularly in high-volume settings.

By Test: Pregnancy & Fertility Tests Sediment Urinalysis Biochemical Urinalysis

"Biochemical Urinalysis" led the urinalysis market, holding a 48.5% share. This dominance is due to its critical role in detecting metabolic disorders, kidney diseases, and infections like UTIs. Biochemical tests are the cornerstone of urinalysis because they provide valuable information about a wide range of medical conditions, from diabetes to liver disease, making them indispensable for diagnostic labs. The rise of home care testing solutions and the increasing demand for rapid diagnostics are fueling the growth of POC tests. These tests allow for immediate results, enhancing patient satisfaction and reducing the need for extended waiting times in healthcare settings.

By Application: Disease Screening Pregnancy and Fertility

"Urinary Tract Infections" (UTIs) held the largest share of disease screening in the urinalysis market, accounting for 28.0%. This is primarily due to the high prevalence of UTIs, especially among women, which makes regular urinalysis a key diagnostic tool. Early detection through urinalysis plays a vital role in preventing complications associated with UTIs. However, "Kidney Diseases" is poised to experience the fastest growth in the coming years. This is largely due to the increasing incidence of chronic kidney disease globally, coupled with the growing awareness of the importance of early detection. Urinalysis plays a critical role in diagnosing kidney dysfunction, providing healthcare professionals with an essential tool for monitoring kidney health and managing conditions like diabetic nephropathy.

By End User Diagnostic Laboratories Home Care Settings Research Laboratories Hospitals and Clinics

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Regional Analysis

North America held the largest share of the urinalysis market, accounting for 38.0% of the global revenue in 2023. This dominance can be attributed to the high adoption rate of advanced diagnostic technologies, the increasing prevalence of chronic diseases, and the strong presence of key industry players in the region. In particular, the United States is the leading market, supported by the widespread use of automated urine analyzers and POC testing devices. Companies such as Abbott Laboratories and Roche Diagnostics are leading the development of innovative products in the region.

Europe is expected to be the fastest-growing region, with a predictable CAGR of 8.3%. The demand for urinalysis products is growing in countries like Germany, the UK, and France due to an aging population and increasing healthcare awareness. The region is seeing rapid adoption of innovative diagnostic tools, including home testing kits and automated analyzers. The presence of companies like Siemens Healthineers and F. Hoffmann-La Roche AG is contributing to market

growth through strategic partnerships and product innovations.

Recent Developments

In July 2023, Siemens Healthineers launched a new line of automated urinalysis systems designed to offer high-precision results for clinical laboratories. This system integrates advanced AI algorithms for better diagnostics accuracy.

In April 2023, Cardinal Health unveiled plans to open two new distribution centers in Central Ohio. These facilities will enhance support for its medical segment, with a particular focus on the company's US Medical Products and Distribution (USMPD) and At-home Solutions businesses.

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