

Urine Collection Devices Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/U6FE1D808559EN.html>

Date: July 2025

Pages: 145

Price: US\$ 4,850.00 (Single User License)

ID: U6FE1D808559EN

Abstracts

The Global Urine Collection Devices Market was valued at USD 4.6 billion in 2024 and is estimated to grow at a CAGR of 6.5% to reach USD 8.4 billion by 2034. Market expansion is strongly supported by the rising burden of chronic kidney diseases, urinary tract infections, and an aging population dealing with incontinence. The shift toward home-based healthcare, together with the growth in point-of-care diagnostics and ongoing innovation in device functionality and design, continues to shape market trends. Urine collection devices play a crucial role in diagnostics by enabling safe, sterile, and accurate sample gathering, transportation, and storage. These tools—ranging from cups and specimen bags to collection kits and transport containers—are extensively used across hospitals, clinics, laboratories, and at-home settings. The increased frequency of disease screening, particularly in chronic care and metabolic diagnostics, is driving sustained demand for these services. As decentralized healthcare becomes more prominent and patient-centric care models evolve, there is significant interest in user-friendly, hygienic, and reliable urine collection systems. These market dynamics are helping companies scale production while investing in technology that enhances sample handling and diagnostic precision.

The rising number of clinical investigations in fields such as nephrology, oncology, and endocrinology is pushing demand for advanced urine collection solutions that are compatible with genomic, proteomic, and biomarker testing. Researchers increasingly require sterile, chemically stable containers that preserve sample integrity during transport and analysis. As a result, suppliers are developing more specialized kits tailored to lab research, supporting the wider clinical research ecosystem. Additionally, the expansion of home-based care for patients with limited mobility or chronic illness is promoting broader use of urine collection products outside traditional clinical settings.

This transition is contributing to an evolving product design landscape focused on portability, safety, and ease of use.

The urine collection kits segment held a 69.4% share in 2024. This strong position is primarily due to the increasing reliance on at-home diagnostic kits, growth in decentralized clinical trials, and the rising importance of sterile and secure specimen handling. These kits offer convenience and accessibility to users outside of clinical facilities, helping improve diagnostic compliance and continuity of care. High adoption of urine collection kits is seen in applications like chronic disease monitoring, reproductive health, and drug testing.

The clinical urinalysis application segment generated USD 2.1 billion in 2024 and is projected to grow at a CAGR of 6.1% during 2025-2034. This segment leads the market because urine testing remains a frontline diagnostic tool in identifying a wide range of disorders, from UTIs and diabetes to kidney and metabolic conditions. Hospitals and diagnostic centers are the main end users, relying on chemically stable, contamination-resistant devices to maintain accurate laboratory results. The growing volume of regular health screenings and chronic condition diagnostics has solidified urinalysis as a cornerstone in preventative and acute care.

Europe Urine Collection Devices Market reached USD 1.3 billion in 2024. The region benefits from a highly developed healthcare infrastructure and widespread adoption of non-invasive testing methods. High per capita health expenditure and broad public screening programs are helping accelerate demand for urine testing in both hospitals and home-based settings. Countries in Western Europe and Scandinavia show particularly high usage due to increased focus on managing chronic urological conditions in elderly populations.

Major players operating in the Global Urine Collection Devices Market include BioTouch, QIAGEN, Ardo Medical, Thermo Fisher Scientific, Roche, Abbott, POLYMED, Aspen Surgical, Cardinal Health, HENSO, Convatec, Becton, Dickinson and Company, Labcorp (Litholink), MEDLINE, and ANGIPLAST. Companies competing in the urine collection devices market are leveraging product innovation, strategic partnerships, and global expansion to strengthen their foothold. A core focus lies in developing user-centric, sterile, and disposable kits that align with modern clinical and home care workflows. Many firms are investing in smart packaging solutions with tamper-evidence and sample-preservation features to meet evolving diagnostic standards. Collaborations with healthcare providers and laboratories are enabling co-development of purpose-driven products tailored to specific testing applications.

Comprehensive Market Analysis and Forecast

Industry trends, key growth drivers, challenges, future opportunities, and regulatory landscape

Competitive landscape with Porter's Five Forces and PESTEL analysis

Market size, segmentation, and regional forecasts

In-depth company profiles, business strategies, financial insights, and SWOT analysis

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market scope and definitions
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Data mining sources
 - 1.3.1 Global
 - 1.3.2 Regional/country
- 1.4 Base estimates and calculations
 - 1.4.1 Base year calculation
 - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis
- 2.2 Key market trends
 - 2.2.1 Regional trends
 - 2.2.2 Product type trends
 - 2.2.3 Patient trends
 - 2.2.4 Application trends
 - 2.2.5 End use trends
- 2.3 CXO perspectives: Strategic imperatives
 - 2.3.1 Key decision points for industry executives
 - 2.3.2 Critical success factors for market players
- 2.4 Future outlook and strategic recommendations

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
- 3.2 Industry impact forces
 - 3.2.1 Growth drivers
 - 3.2.1.1 Increasing prevalence of chronic kidney diseases (CKD)

- 3.2.1.2 Growing geriatric population
- 3.2.1.3 Rising demand for non-invasive diagnostic tools
- 3.2.1.4 Technological advancements in urine collection devices
- 3.2.2 Industry pitfalls and challenges
 - 3.2.2.1 Risk of contamination and sample handling errors
- 3.2.3 Market opportunities
 - 3.2.3.1 Increasing use of urine-based liquid biopsy and genomic testing
 - 3.2.3.2 Development of pediatric-friendly and smart urine collection devices
- 3.3 Growth potential analysis
- 3.4 Regulatory landscape
 - 3.4.1 North America
 - 3.4.2 Europe
 - 3.4.3 Asia Pacific
 - 3.4.4 Latin America
 - 3.4.5 MEA
- 3.5 Technology landscape
 - 3.5.1 Current technological trends
 - 3.5.2 Emerging technologies
- 3.6 Pricing analysis, 2024
- 3.7 Gap analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis
- 3.10 Future market trends
- 3.11 Value chain analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company matrix analysis
- 4.3 Company market share analysis
 - 4.3.1 Global
 - 4.3.2 North America
 - 4.3.3 Europe
 - 4.3.4 Asia Pacific
 - 4.3.5 Latin America
 - 4.3.6 MEA
- 4.4 Competitive positioning matrix
- 4.5 Competitive analysis of major market players
- 4.6 Key developments

- 4.6.1 Mergers & acquisitions
- 4.6.2 Partnerships & collaborations
- 4.6.3 New product type launches
- 4.6.4 Expansion plans

CHAPTER 5 MARKET ESTIMATES AND FORECAST, BY PRODUCT TYPE, 2021 - 2034 (\$ MN)

- 5.1 Key trends
- 5.2 Urine collection kits
- 5.3 Urine specimen bags
- 5.4 Urine cups and containers

CHAPTER 6 MARKET ESTIMATES AND FORECAST, BY PATIENT, 2021 - 2034 (\$ MN)

- 6.1 Key trends
- 6.2 Adult
- 6.3 Pediatric

CHAPTER 7 MARKET ESTIMATES AND FORECAST, BY APPLICATION, 2021 - 2034 (\$ MN)

- 7.1 Key trends
- 7.2 Clinical urinalysis
 - 7.2.1 Urinary tract infections (UTI)
 - 7.2.2 Kidney disorders
 - 7.2.3 Other clinical urinalysis
- 7.3 Drug screening
- 7.4 Pregnancy testing
- 7.5 Clinical research and studies

CHAPTER 8 MARKET ESTIMATES AND FORECAST, BY END USE, 2021 - 2034 (\$ MN)

- 8.1 Key trends
- 8.2 Hospitals
- 8.3 Diagnostic laboratories
- 8.4 Home care settings

8.5 Other end use

CHAPTER 9 MARKET ESTIMATES AND FORECAST, BY REGION, 2021 - 2034 (\$ MN)

9.1 Key trends

9.2 North America

9.2.1 U.S.

9.2.2 Canada

9.3 Europe

9.3.1 Germany

9.3.2 UK

9.3.3 France

9.3.4 Spain

9.3.5 Italy

9.3.6 Netherlands

9.4 Asia Pacific

9.4.1 China

9.4.2 Japan

9.4.3 India

9.4.4 Australia

9.4.5 South Korea

9.5 Latin America

9.5.1 Brazil

9.5.2 Mexico

9.5.3 Argentina

9.6 Middle East and Africa

9.6.1 South Africa

9.6.2 Saudi Arabia

9.6.3 UAE

CHAPTER 10 COMPANY PROFILES

10.1 Abbott

10.2 ANGIPLAST

10.3 Ardo Medical

10.4 Aspen Surgical

10.5 Becton, Dickinson and Company

10.6 BioTouch

- 10.7 Cardinal Health
- 10.8 convatec
- 10.9 HENSO
- 10.10 Labcorp (Litholink)
- 10.11 MEDLINE
- 10.12 POLYMED
- 10.13 QIAGEN
- 10.14 Roche
- 10.15 Thermo Fisher Scientific

I would like to order

Product name: Urine Collection Devices Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/U6FE1D808559EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U6FE1D808559EN.html>