

# Prostate-Specific Membrane Antigen (PSMA) Theranostic Kits Market: Demand and Leading Players Overview Through 2029

*The Business Research Company's  
Prostate-Specific Membrane Antigen  
Theranostic Kits Global Market Report  
2025 – Size, Trends, And Global Forecast  
2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, December 15, 2025

[/EINPresswire.com/](https://EINPresswire.com/) -- "The prostate-

specific membrane antigen (PSMA) theranostic kits market is emerging as a vital segment in cancer diagnostics and treatment, driven by advances in targeted therapies and growing healthcare needs. This market is expected to experience notable growth, fueled by rising prostate cancer cases and technological innovations that enhance patient outcomes. Below is a detailed overview of the market size, growth drivers, key trends, and regional insights shaping the future of PSMA theranostic kits.



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

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### Steady Market Expansion Forecast for the PSMA Theranostic Kits Market

The [PSMA theranostic kits market has seen rapid growth](#) in recent years, with its size increasing from \$0.92 billion in 2024 to an estimated \$1.05 billion in 2025. This corresponds to a compound annual growth rate (CAGR) of 14.0% during this period. Factors such as increased

investments in radiopharmaceutical research and development, the rising prevalence of prostate cancer, greater availability of radiochemistry kits, and expanding regulatory approvals for diagnostic tools have all contributed to this upward trajectory.

Download a free sample of the prostate-specific membrane antigen (psma) theranostic kits market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=30362&type=smp>

## Expectations for Continued Growth in the PSMA Theranostic Kits Market Through 2029

Looking ahead, the market is projected to maintain strong momentum, reaching \$1.75 billion by 2029. This growth is set to continue at a CAGR of 13.7%. The anticipated expansion is driven by increasing demand for theranostic solutions that combine diagnostics and therapy, improved reimbursement policies for molecular imaging, enhanced collaborations between pharmaceutical companies and academic institutions, and wider access to short-half-life isotopes. Key trends in this period include advancements in automation technology for kits, innovations in PSMA ligand design, integration of artificial intelligence for improved image analysis, progress in isotope production techniques, and developments in companion diagnostics.

## The Role and Function of PSMA Theranostic Kits in Prostate Cancer Management

PSMA theranostic kits provide a specialized approach to diagnosing and treating prostate cancer by targeting the PSMA protein, which is highly expressed on prostate cancer cells. These kits combine an imaging agent that accurately localizes tumors with a therapeutic component that delivers treatment directly to cancer cells. This targeted approach facilitates personalized medicine by enhancing cancer staging accuracy, monitoring treatment effectiveness, and reducing damage to healthy tissues.

View the full prostate-specific membrane antigen (psma) theranostic kits market report:

<https://www.thebusinessresearchcompany.com/report/global-prostate-specific-membrane-antigen-psma-theranostic-kits-market-report>

## Factors Behind the Rising Demand for PSMA Theranostic Kits

One of the primary forces driving the growth of the PSMA theranostic kits market is the increasing incidence of prostate cancer worldwide. Prostate cancer develops in the prostate gland, a small organ located below the bladder in men, and its risk grows substantially with age. As populations around the world continue to age, the prevalence of prostate cancer is expected to rise. PSMA theranostic kits improve management of the disease by providing targeted diagnostic capabilities that support early detection and personalized treatment plans. They enhance diagnostic precision by pairing PSMA-specific ligands with radiotracers, enabling better monitoring and therapy adjustment. For example, data from the American Cancer Society in November 2023 estimated that around 313,780 new prostate cancer cases and 35,770 deaths would occur in the United States in 2025. This rising burden highlights the increasing need for effective diagnostic and therapeutic tools, thereby propelling the market for PSMA theranostic kits.

## [Regional Overview of the PSMA Theranostic Kits Market](#)

In 2024, North America held the largest share of the PSMA theranostic kits market, reflecting the region's advanced healthcare infrastructure and strong investment in medical research. The market report covers major global regions including Asia-Pacific, Western Europe, Eastern Europe, South America, the Middle East, and Africa, providing a comprehensive view of market trends and growth opportunities worldwide.

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