

Serum Separation Gel Market Research Reveals Path To \$13.96 Billion By 2030

The Business Research Company's Serum Separation Gel Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

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/EINPresswire.com/ -- "The [serum separation gel market](#) has been

experiencing significant growth recently, driven by advancements in diagnostic technologies and expanding healthcare infrastructure worldwide. This market plays a crucial role in clinical and research settings by enabling the efficient isolation of serum from blood samples, which is essential for accurate testing and analysis. Let's explore the current market size, key growth drivers, major players, and regional insights shaping this evolving industry.

Steady Expansion of the [Serum Separation Gel Market Size](#)

The serum separation gel market has demonstrated strong growth, increasing from \$9.66 billion in 2025 to an anticipated \$10.49 billion in 2026. This reflects a compound annual growth rate (CAGR) of 8.6%. The expansion during this period is largely due to the rising use of blood collection tubes for routine clinical diagnostics, an increasing need for reliable serum separation in biochemical and immunological tests, and early introduction of serum separation gels integrated with both glass and plastic tubes. Additionally, the growth of diagnostic laboratory infrastructure in hospitals and clinics, as well as the growing application of serum-based testing in research and biotechnology, contribute to this upward trend.

Download a free sample of the serum separation gel market report:

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Projected Growth Trajectory Through 2030

Looking ahead, the serum separation gel market is expected to continue its robust growth, reaching \$13.97 billion by 2030 with a CAGR of 7.4%. Key factors supporting this growth include the rising demand for high-performance gel formulations suitable for automated processing, increased use of pre-filled gel packs and bulk gels for customized tube manufacturing, and a

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growing acceptance of serum separation solutions in pharmaceutical and biotech research. Moreover, expanded applications in large-scale screening and blood banking, along with a strong focus on enhancing sample stability, accuracy, and turnaround times, are anticipated to drive market development. Emerging trends such as the adoption of gel-based tubes for precise serum isolation, preference for both powder and liquid gel forms depending on processing needs, and broader use across hospitals, diagnostic labs, and blood banks will shape the market landscape.

Understanding Serum Separation Gel and Its Role

Serum separation gel is a specialized gel-like material designed to separate serum from whole blood samples during centrifugation. Incorporated inside blood collection tubes, this gel forms a physical barrier between serum and blood cells, facilitating the isolation of serum for subsequent clinical and research analyses. This separation is crucial for obtaining accurate test results in various diagnostic and investigative procedures.

View the full serum separation gel market report:

https://www.thebusinessresearchcompany.com/report/serum-separation-gel-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Increasing Diagnostic Testing Demand as a Major Growth Driver

One of the primary factors propelling the serum separation gel market is the growing demand for diagnostic testing. Diagnostic testing involves analyzing biological specimens like blood or tissue to detect diseases or conditions by identifying specific markers or abnormalities. This demand is rising because early disease detection improves treatment effectiveness and supports preventive healthcare efforts by assessing risk factors and guiding interventions. Serum separation gel plays a vital role in diagnostic testing by enabling clear separation of serum from blood cells, which ensures precise biochemical marker analysis and disease detection. For instance, data released in November 2025 by Today's Clinical Lab, a U.S.-based healthcare information platform, showed a 60% rise in diagnostic testing demand within hospitals and laboratories, up from 55% in 2022. This surge is a key factor driving market growth.

Chronic Disease Prevalence Boosting Serum Separation Gel Market

Another important factor supporting the serum separation gel market is the increasing prevalence of chronic diseases. Chronic conditions are long-term health issues lasting over three months, often requiring continuous medical management or limiting daily functioning. The rise in chronic diseases is influenced by aging populations, unhealthy lifestyle habits, and improved survival rates from acute illnesses due to advanced medical care. Serum separation gel is critical in blood collection tubes for separating serum, which assists in the precise diagnosis and monitoring of biomarkers related to chronic diseases. For example, a multi-center global study published in August 2024 in the European Journal of Preventive Cardiology, led by the National University of Singapore and other institutions, projected that cardiovascular disease prevalence will surge by 90% between 2025 and 2050, with mortality increasing by 73.4%. The study estimates cardiovascular deaths will reach 35.6 million by 2050, compared to 20.5 million in

2025. This growing disease burden is a strong driver for market expansion.

Regional Outlook for the Serum Separation Gel Market

In 2025, North America held the largest share of the [global serum separation gel market](#).

However, the Asia-Pacific region is expected to experience the fastest growth over the coming years. The market report covers key regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market trends and opportunities.

Key enhancements in our 2026 market reports include:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

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