

Leukapheresis Device Market Intelligence Report Covers Trends, Segments And Regional Growth

*The Business Research Company's
Leukapheresis Device Global Market
Report 2026 – Market Size, Trends, And
Forecast 2026-2035*

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KINGDOM, August 13, 2026
/EINPresswire.com/ -- The

[leukapheresis device market](#) is

experiencing notable growth, driven by advances in medical technology and increasing demand for specialized blood treatment solutions. This sector is gaining importance due to rising cases of blood-related illnesses and the expansion of therapeutic and research applications. Let's explore the current market size, key factors propelling its growth, and regional dynamics shaping the industry's future.

Current Market Size and Projected Growth of the Leukapheresis Device Market

In recent years, the leukapheresis device market has expanded significantly. It is projected to increase from \$0.7 billion in 2025 to \$0.76 billion in 2026, reflecting a compound annual growth rate (CAGR) of 8.6%. This growth during the past period has been largely fueled by the rising incidence of leukemia and autoimmune diseases, wider use of stem cell therapy, technological progress in blood cell separation methods, an uptick in clinical research, and the expansion of hospital-based apheresis services. Looking ahead, the market is expected to reach \$1.01 billion by 2030, maintaining a solid CAGR of 7.4%. Factors contributing to this forecast include the growing demand for portable leukapheresis devices, advancements integrating artificial intelligence and automation, growth in biopharmaceutical research, regulatory approvals for new devices, and increasing investments in precision medicine. Emerging trends anticipated during this time span involve personalized leukapheresis treatments, minimally invasive techniques, portable and point-of-care systems, real-time monitoring integration, and enhanced automation to improve workflow efficiency.

Download a free sample of the [leukapheresis device market report](#):

https://www.thebusinessresearchcompany.com/sample.aspx?id=25807&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR



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Understanding Leukapheresis Devices and Their Applications

A leukapheresis device is a specialized medical tool designed to selectively isolate and collect white blood cells (leukocytes) from the blood of patients or donors. It uses centrifugation or filtration to separate these cells, which are critical for treating conditions like leukemia, facilitating stem cell transplants, and managing autoimmune diseases. These devices are also important in clinical research and diagnostics, supporting a wide range of healthcare needs by enabling precise removal or collection of specific blood components.

Rising Blood Disorders as a Growth Driver for Leukapheresis Devices

One of the primary factors fueling the expansion of the leukapheresis device market is the increasing prevalence of blood-related disorders. These conditions affect blood cell function or structure, impacting oxygen transport, immune defense, or clotting mechanisms. The growing number of such disorders is mainly linked to an aging global population, as older adults are more prone to ailments like anemia, leukemia, and other hematological diseases. Leukapheresis devices help manage these illnesses by extracting excess or abnormal white blood cells, easing symptoms, and minimizing complications, especially in leukemia and autoimmune cases. For instance, in March 2024, the Leukaemia Foundation, an Australian non-profit organization, reported that approximately 19,500 Australians were diagnosed with blood cancers such as leukemia, lymphoma, and myeloma. They also noted that nearly 43% of these patients faced significant out-of-pocket treatment expenses, and 42% had to take over three months off work, underscoring both the rising disease incidence and the substantial financial challenges for patients and their families. These trends highlight how the growing burden of blood disorders is pushing demand for leukapheresis devices upward.

View the full leukapheresis device market report:

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

Regional Outlook: North America Leading the Leukapheresis Device Market

In 2025, North America held the largest share of the global leukapheresis device market. The market analysis also covers other key regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa. While North America currently dominates, other regions, particularly Asia-Pacific, are expected to show significant growth potential in the coming years due to expanding healthcare infrastructure and increasing prevalence of blood-related diseases.

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

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: marketing@tbrc.info

[The Business Research Company](https://www.thebusinessresearchcompany.com) - www.thebusinessresearchcompany.com

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- LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

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