Blood Cancer Diagnostics Market Size, Share & Trends Analysis Report By Product (Instruments, Assay Kits And Reagents), By Test (Blood Test, Imaging Test), By End Use (Hospitals & Clinics), By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Blood Cancer Diagnostics Market Growth & Trends

The global blood cancer diagnostics market size is expected t%li%reach USD 16.04 billion by 2030, registering a CAGR of 6.8% from 2024 t%li%2030, according t%li%a new report by Grand View Research, Inc. The market is driven by the increasing incidence of blood malignancies, such as leukemia, lymphoma, and myeloma. The market is further expected t%li%grow significantly due t%li%the increasing elderly population, which is more susceptible t%li%chronic diseases, including blood cancer. In addition, technological advancements, including NGS and other molecular diagnostic techniques, are improving the accuracy & efficiency of diagnosis, which is likely t%li%drive the market over the forecast period.

Over the past decade, significant advancements have been made in approaches t%li%blood cancer diagnostics, all aimed at reducing the growing incidence of diseases and their mortality. While these advancements have been well-documented t%li%increase early cancer detection, there have been considerable advancements. For instance, NGS has enabled the analysis of the entire genome of cancer cells, providing insights int%li%genetic mutations that guide precise diagnosis and tailored treatments. In October 2022, OGT, a Sysmex group, introduced a range of new offerings t%li%augment its expanding NGS product suite. Notably, the SureSeq Myeloid Plus panel was designed t%li%identify genetic mutations associated with various Myeloid disorders, enhancing the company's capabilities in this critical area of research.

Molecular imaging techniques, such as SPECT/CT, PET, and flow cytometry, utilize molecular imaging agents t%li%detect indicative molecular markers at different disease stages, aiding detection & monitoring. Such advancements in imaging technologies offer improved accuracy and early detection capabilities, driving the market. The global players are introducing automatic imaging tests and systems t%li%boost their market share. For instance, in May 2023, Sysmex Corporation announced the launch of the Clinical Flow Cytometry System in Japan. The system includes Flow Cytometer XF-1600, Sample Preparation System PS-10, antibody reagents, and other related products. This system enables laboratories t%li%automate the entire process of flow cytometry testing, from sample preparation t%li%the reporting of measurement results, contributing t%li%higher efficiency & testing standardization.

Governments across the world have recognized the immense healthcare burden posed by rising incidences, including hematological malignancies such as leukemia & lymphoma. In response, many countries have launched comprehensive national cancer control programs that prioritize early detection and screening efforts. For instance, the American Association of Cancer Research recently launched the Beau Biden Cancer Moonshot initiative t%li%accelerate cancer research and make preventive screening more accessible & affordable for U.S. citizens.

Some of the key players in the market are Illumina, InVivoScribe, Ipsogen (Qiagen), Asuragen(Bio-Techne), Danaher Corporation, Abbott, SkylineDx, Adaptive Technologies, Bio-Rad Laboratories and others. These players are involved in various strategic initiatives such as product launch and approval in order t%li%cater t%li%a global clientele. For instance, in September 2023, Adaptive Technologies launched Epic integration for clonoSEQ, a molecular diagnostic test for MRD monitoring in blood cancers. This integration allows healthcare providers t%li%order and review clonoSEQ test results directly within Epic's EHR system, streamlining clinical decision-making and improving patient care.

Blood Cancer Diagnostics Market Report Highlights

Based on product, the assay kits and reagents accounted for the largest revenue share of the blood cancer diagnostics market in 2023. This high share is attributable

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t%li%assay kits & reagents being designed t%li%detect specific biomarkers, genetic mutations, and other indicators, enabling healthcare professionals t%li%diagnose & treat the disease more effectively

Based on tests, blood tests segment dominated the market and accounted for the largest share in 2023. This can be attributed t%li%increasing innovation and availability of blood test kits for blood cancer detection

Based on end use, hospitals and clinics dominated the market with the largest share of blood cancer diagnostics market in 2023. This is attributable t%li%growing demand in forensic labs and hospital medical labs for disease diagnosis, blood cell counts, blood typing. Furthermore, Developments in hospital laboratories are crucial t%li%address the evolving needs of patients, and more hospitals aim t%li%provide a wide range of services in their settings

North America dominated the market due t%li%the presence of a large number of major market players, North America has a high prevalence of chronic diseases like leukemia These diseases require regular monitoring and diagnostic testing, fueling the demand for advanced diagnostic tools and technologies

Asia Pacific is expected t%li%witness the fastest growth over the forecast period from 2024 t%li%2030, due t%li%the presence of manufacturers with innovative devices manufacturing capabilities coupled with accelerated diagnostic research capabilities

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