

North America Blood Collection Tubes for Liquid Biopsy Market Forecast to 2031 - Regional Analysis - by Product (ccfDNA/cfDNA Tubes, cfRNA Tubes, CTC Tubes, gDNA Tubes, Intracellular RNA Tubes, and Others), Material (Plastic and Glass), Application [In-Vitro Diagnostics (IVD) and Research], and End User (Genetic Diagnostic Labs, Research and Development Centers, Conventional Diagnostic Centers, and Others)

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Abstracts

The North America blood collection tubes for liquid biopsy market was valued at US\$ 44,385.94 million in 2023 and is expected to reach US\$ 1,68,467.30 million by 2031; it is estimated to register a CAGR of 18.1% from 2023 to 2031.

Increase in Prevalence of Cancer Fuels North America Blood Collection Tubes for Liquid Biopsy Market

Health systems across the world are witnessing an exponential increase in the prevalence of cancer. The World Health Organization (WHO) ranks cancer as the second-leading cause of mortality worldwide. According to data published by the World Cancer Research Fund International, ~20 million new cases of cancer were registered in 2022 globally. Moreover, as per the data published by the World Health Organization (WHO), nearly 10 million deaths were caused by cancer in 2020 across the world. The National Center for Health Statistics data estimates that the diagnosis of new cancer cases in the US is likely to reach 2 million in 2024. In addition, approximately 0.61 million people were anticipated to die in 2024 in the US due to cancer.

Early prognosis, tumor heterogeneity detection, reduced cost, and patient comfort are a few of the advantages of liquid biopsy over other cancer diagnostics approaches. Thus, the preference for liquid biopsy, allowing for quick treatment and enhancing cancer patients' survival rates, is increasing with the rise in cancer prevalence during the projection period. Blood collection tubes that are used in liquid biopsy play an instrumental role in the early and precise cancer detection strategies of various organizations. Thus, the increasing prevalence of cancer is contributing significantly to the growth of the North America blood collection tubes for liquid biopsy market .

North America Blood Collection Tubes for Liquid Biopsy Market Overview

The North America blood collection tubes for liquid biopsy market is segmented into the US, Canada, and Mexico. The market for liquid biopsy procedures is growing rapidly in the US with the surging prevalence of cancer, high spending on the development of innovative diagnostics solutions, and the presence of significant market players in the country. The National Cancer Institute estimates that ~2 million new cases of cancer would be registered in the US in 2024, and ~611,720 people are expected to die due to cancer. As per the same source, ~440.5 per 100,000 people are nearly diagnosed with cancer every year. Tissue biopsies are highly invasive techniques employed for lung cancer diagnosis. As the insufficiency of samples may result in nonreliable results in this type of biopsy, researchers focus on the development of liquid biopsy techniques for lung cancer diagnoses.

North America Blood Collection Tubes for Liquid Biopsy Market Revenue and Forecast to 2031 (US\$ Million)

North America Blood Collection Tubes for Liquid Biopsy Market Segmentation

The North America blood collection tubes for liquid biopsy market is categorized into product, material, application, end user, country.

By product, the North America blood collection tubes for liquid biopsy market is segmented into ccfDNA/cfDNA Tubes, cfRNA Tubes, CTC Tubes, gDNA Tubes, intracellular RNA Tubes, and others. The ccfDNA/cfDNA Tubes segment held the largest share of the North America blood collection tubes for liquid biopsy market share in 2023.

In terms of material, the North America blood collection tubes for liquid biopsy market is

segmented into plastic and glass. The plastic segment held a larger share of the North America blood collection tubes for liquid biopsy market share in 2023.

By application, the North America blood collection tubes for liquid biopsy market is bifurcated into in-vitro diagnostics (IVD) and research. The in-vitro diagnostics (IVD) segment held a larger share of the North America blood collection tubes for liquid biopsy market share in 2023.

In terms of end user, the North America blood collection tubes for liquid biopsy market is segmented into genetic diagnostic labs, research and development centers, conventional diagnostic centers, and others. The genetic diagnostic labs segment held the largest share of the North America blood collection tubes for liquid biopsy market share in 2023.

Based on country, the North America blood collection tubes for liquid biopsy market is segmented into the US, Canada, and Mexico. The US segment held the largest share of North America blood collection tubes for liquid biopsy market in 2023.

Apostle Sciences; Biocept Inc; Exact Sciences Corp; F. Hoffmann-La Roche Ltd; Greiner Bio-One International GmbH; MagBio Genomics, Inc; Norgen Biotek Corp; QIAGEN NV; Streck Inc; and Zymo Research Corporation are some of the leading companies operating in the North America blood collection tubes for liquid biopsy market.

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