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Global Vacutainer Cell Preparation Tubes Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Vacutainer Cell Preparation Tubes market size was valued at US$ 86.2 million in 2024 and is forecast to a readjusted size of USD 118 million by 2031 with a CAGR of 4.7% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Vacutainer Cell Preparation Tubes are specialized blood collection tubes used in laboratories for the separation and preparation of mononuclear cells, such as lymphocytes and monocytes, from whole blood. These cells are critical for various research and clinical applications, including immunology studies, cancer research, and infectious disease diagnostics.

Vacutainer Cell Preparation Tubes with a draw blood volume of 8 ml are specifically designed for the collection and preparation of blood samples, typically for the isolation of peripheral blood mononuclear cells (PBMCs).

Vacutainer Cell Preparation Tubes with a draw blood volume of 4 ml are designed for the collection and processing of smaller blood samples, primarily for the isolation of specific cell populations like peripheral blood mononuclear cells (PBMCs).

Due to the COVID-19 pandemic, the global Vacutainer Cell Preparation Tubes market size is estimated to be worth US$ 79.93 million in 2023 and is forecast to a readjusted

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size of US$ 112.67 million by 2030 with a CAGR of 5.07% during the review period. Growing need for performing blood tests owing to instances of numerous types of diseases is one of the key reasons boosting the global blood collection tubes market.

US & Canada is the largest consumption place, with a consumption market share nearly 50.98% in 2023. Following US & Canada, Europe is the second largest consumption place with the consumption market share of 21.84%. The rising emphasis on early disease detection and diagnostics, particularly in conditions like cancer and infectious diseases, is driving the need for high-quality blood sample preparation tools. Vacutainer Cell Preparation Tubes are used to isolate cells that can be analyzed for early signs of disease.

This report is a detailed and comprehensive analysis for global Vacutainer Cell Preparation Tubes market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Vacutainer Cell Preparation Tubes market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Vacutainer Cell Preparation Tubes market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Vacutainer Cell Preparation Tubes market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global Vacutainer Cell Preparation Tubes market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2020-2025

The Primary Objectives in This Report Are:

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To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Vacutainer Cell Preparation Tubes
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Vacutainer Cell Preparation Tubes market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BD Biosciences, Beijing Hanbaihan Medical Devices, Lingen Precision Medical Products, Longtime Biological, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Vacutainer Cell Preparation Tubes market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Draw Blood Volume 8 ml

Draw Blood Volume 4 ml

Others

Market segment by Application

Hospital & Clinic

Third-party Laboratory

Others

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Major players covered

BD Biosciences

Beijing Hanbaihan Medical Devices

Lingen Precision Medical Products

Longtime Biological

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Vacutainer Cell Preparation Tubes product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vacutainer Cell Preparation Tubes, with price, sales quantity, revenue, and global market share of Vacutainer Cell Preparation Tubes from 2020 to 2025.

Chapter 3, the Vacutainer Cell Preparation Tubes competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vacutainer Cell Preparation Tubes breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and Vacutainer Cell Preparation Tubes market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Vacutainer Cell Preparation Tubes.

Chapter 14 and 15, to describe Vacutainer Cell Preparation Tubes sales channel, distributors, customers, research findings and conclusion.

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