Vacuum Blood Collection Tube Market Research Report: By Type (Gel & Clot Activator Tube, Heparin Tubes, Serum Separating Tubes, and Others), by Application (Blood Routine Examination, Others), by End-User (Hospital, Clinics, and Others) - Forecast to 2027

Market Scenario

The vacuum blood collection tube market is expected to gain prominence over the forecast period (2018–2027). It is estimated that the vacuum blood collection tube market is expected to grow at a CAGR ~ 11.6 % during the forecast period of 2018–2027.

A vacuum collection tube consists of a sterile glass or plastic tube with closure for creating a vacuum seal inside the tube which is used to collect blood sample directly from the patient’s vein. The growth of the vacuum blood collection market is attributed to the growing investments in vacuum blood collection devices, increasing blood transfusion, and increasing adoption of blood collection devices. For instance, according to the American National Red Cross, 13.6 million whole blood and red blood cells are collected annually in the U.S.

Moreover, the demand for safe and reliable equipment for blood collection and use of aseptic techniques during patient care favor the growth of this market. Furthermore, blood tests are carried out for diagnosis of various diseases such as diabetes, HIV, anemia, and cardiovascular diseases, among others which are expected to boost the market growth for vacuum blood collection tubes. Despite the drivers, lack of skilled personnel and risk associated with blood transfusion restrain the market growth.

Many small and large market players dominate the vacuum blood collection tubes market. For instance, Becton, Dickinson is the largest market player for the vacuum blood collection tube market. In its product named Vacutainer Safety Lok, the safety mechanism is activated, immediately the blood is drawn helping to avoid needle stick injury. It has a holder for convenience. Furthermore, Greiner Bio-One International manufactures VACUETTE Blood Collection Tubes made from practically unbreakable plastics.

Research Methodology

Market Research Future research is conducted by industry experts who offer insight into industry structure, market segmentation, Treatment assessment, competitive landscape (CL), penetration, as well as on emerging trends. Besides primary interviews (~ 80%) and secondary research (~ 20%), their analysis is based on their years of professional expertise in respective industries. Our analysts also predict where the market will be headed in the next five to ten years, by analyzing historical trends and current market positions. Furthermore, the varying trends of segments & categories geographically presented are studied and are estimated based on primary & secondary research.

- **Primary Research**

The extensive primary research was conducted to gain a deeper insight into the market and the industry performance. In this particular report, we have conducted primary surveys (interviews) with the key level executives (VPs, CEOs, Marketing Directors, Business Development Managers, and many more) of the major players who are active in the market. In addition to analyzing the current and historical trends, our analysts predict where the
market is headed, over the next five to ten years.

- **Secondary Research**

Secondary research was mainly used to collect and identify information useful for an extensive, technical, market-oriented, and commercial study of the vacuum blood collection tube market. It was also used to obtain key information about major players, market classification and segmentation according to the industry trends, geographical markets, & developments related to the market and Treatment Perspectives. For this study, analysts have gathered information from various credible sources, such as annual reports, SEC filings, journals, white papers, corporate presentations, company websites, the international organization of chemical manufacturers, some paid databases, and many others.

**Segmentation**

The vacuum blood collection tube market is segmented on the basis of type, application, and end-user.

On the basis of type, the vacuum blood collection tube market is segmented into gel and clot activator tube, heparin tubes, EDTA tubes, serum separating tubes, and others.

On the basis of application, the market is segmented into blood routine examination, biochemical test, coagulation testing, blood segmentation testing, and others.

The vacuum blood collection tube market on the basis of end-user is segmented into hospitals, clinics, pathology laboratories, blood banks, outpatient centers, and others.

Geographically, the vacuum blood collection tube market has been segmented into America, Europe, Asia Pacific, and the Middle East and Africa. The American vacuum blood collection tube market is further segmented into North America and South America. North America is further classified as the U.S. and Canada.

The European vacuum blood collection tube market is segmented into Western Europe and Eastern Europe. Western Europe is further classified as Germany, France, the U.K., Italy, Spain, and the Rest of Western Europe.

The Asia Pacific vacuum blood collection tube market is segmented into Japan, China, India, Republic of Korea, Australia, and the Rest of Asia Pacific.

The Middle Eastern and African vacuum blood collection tube market is segmented into the Middle East and Africa.

**Regional Market Summary**

**Vacuum Blood Collection Tube Market, by Region Market Share, 2017 (%)**

![Graph showing regional market shares](image)

Source: MRFR Analysis

The American region is expected to dominate the vacuum blood collection tube market, owing to the existing well-established healthcare system, increasing government funding for research, and technological advancements. Moreover, high adoption of new technologies in medical devices and increased use of blood tests for diagnosis of lifestyle diseases such as diabetes propel the market growth in this region. For instance, in 2015, according to the American Diabetes Association, 30.3 million people in the U.S. had diabetes which is 9.4 % of the total population.

Europe is anticipated to hold the second position in the vacuum blood collection tube market. It is expected that the government support towards research and development expenditure and increasing number of blood transfusion committees fuel the market growth. For instance,
according to WHO, transfusion committees are present in 92% of the hospitals performing blood transfusion in Europe. Furthermore, favorable government policy for research has attracted many of the prominent market players.

The Asia Pacific vacuum blood collection tube market consists of countries, namely, China, Japan, the Republic of Korea, India, and Australia. The market growth is mainly driven by rapidly expanding pharmaceutical industries in the region and rising government funding in the life sciences sector. Moreover, countries such as India and China are expected to be the fastest growing markets in this region owing to a large population base, improving healthcare infrastructure, increasing number of hospitals, and growing medical tourism.

The Middle East and Africa holds the lowest share of the global market due to low development, lack of technical knowledge, and poor medical facilities.

**Key Players**


**Vacuum Blood Collection Tube Market, by Type**

- Gel & Clot Activator Tube
- Heparin Tubes
- EDTA Tubes
- Serum Separating Tubes

**Vacuum Blood Collection Tube Market, by Application**

- Blood Routine Examination
- Biochemical Test
- Coagulation Testing
- Blood Segmentation Testing
- Others

**Vacuum Blood Collection Tube Market, by End-User**

- Hospitals
- Clinics
- Pathology Laboratories
- Blood Banks
- Outpatient Centers

**Vacuum Blood Collection Tube Market, by Region**

- Americas
- North America
- U.S.
- Canada
- South America
- Europe
- Western Europe
- Germany
- France
- Italy
- Spain
- U.K.
- Rest of Western Europe
- Eastern Europe
- Asia Pacific
- Japan
- China
- India
- Australia
- Republic of Korea
- Rest of Asia Pacific
- The Middle East & Africa
Middle East
Africa

Company Profiles

- Becton, Dickinson, and Company
- Sunphoria Ltd.,
- Narang Medical Limited
- CML Biotech
- Bio – X
- Labtech Disposables
- Hebei Xinle Sci &Tech Co., Ltd.
- Terumo Corporation
- Biosigma
- Medtronic plc.
- Greiner Bio-One International

Intended Audience

- Vacuum blood collection tube Manufacturer
- Vacuum blood collection tube suppliers
- Government research Laboratories
- Research and Development (R&D) Companies
- Independent Research Laboratories
- Market Research and Consulting Service Providers
- Medical Research Laboratories

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