India Vacuum Blood Collection Tube Market - Industry Size, Share, Trends, Analysis and Forecasts to 2027

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The India Vacuum Blood Collection Tube Market is expected to drive owing to technological advancement coupled with R&D activities across the country

The vacuum blood collection tube market reached USD 71.09 million in 2019 and is likely to reach USD 160.87 million by the end of 2027 by registering a 10.82 % CAGR across India. It is attributed to the propelling incidence of infectious diseases, which is anticipated to boost the market. Contagious diseases have made the most significant contribution to any cause to hospital admissions. In recent years, emerging and re-emerging infectious diseases in developed countries, including India, are presenting a public health danger. Additionally, the need for blood tests to distinguish different diseases using blood specimens is essential. In order to collect and preserve blood for processing, a vacuum blood collecting tube is used. The advancement of the vacuum blood collection tube industry depends on the needs and alternatives required for blood storage. The demand for vacuum blood collecting tubes is being powered by government subsidiaries and healthcare, which are expected to drive the market.

However, the lack of skilled personnel & risk associated with blood transfusion is predicted to create an obstacle in the market's growth. In addition, the low popularity of vacuum blood collection tubes across India is likely to hinder the market growth over the forecasted period of 2020-2027.

Product Segmental Overview in the India Vacuum Blood Collection Tube Market

Based on Product, the market is segmented into Gel & Clot Activator Tube, Glucose Tubes, Heparin Tubes, EDTA Tubes, Serum Separating Tubes, and Others. The EDTA Tubes segment is dominating the market during the forecasted period of 2020-2027. EDTA stands for Ethylenediaminetetraacetic acid. By binding calcium into the blood and preventing the blood from clotting, EDTA works. As the anticoagulant of choice for hematological research, EDTA has been prescribed because it ensures the best protection of cellular components and blood cell morphology.

Material Segmental Analysis

Based on Material, the market is segmented into Polypropylene, PET, and Tempered Glass. The Polypropylene segment is dominating the market during the forecasted period of 2020-2027. Polypropylene is inexpensive to purchase, even in larger quantities, which is likely to fuel the market at a considerable rate. Additionally, they have a relatively low level of friction when polypropylene tubes are positioned side by side, which means very low energy levels are created when the tubes are rubbed together. Polypropylene is particularly resistant to moisture and certain acids and alkali corrosion, which is predicted to boost the market over the forecasted period.

Application Segmental Analysis

Based on Application, the market is segmented into Blood Routine Examination, Coagulation Testing,

Biochemical Test, and Others. The Blood Routine Examination segment is dominating the market during the forecasted period of 2020-2027. It is due to the propelling prevalence of lifestyle diseases, which is estimated to boost the market. However, the Coagulation Testing segment is expected to have the fastest growth rate across India.

End-User Segmental Analysis

Based on End-User, the market is segmented into hospitals, Clinics, Pathology Laboratories, and Others. The Hospital segment is dominating the market during the forecasted period of 2020-2027. It is attributed to the rising prevalence of infectious diseases, and demand for blood processing equipment and instruments in medical facilities has been ensured by the increase in the number of emergency cases, as well as for C-sections and organ transplants. However, the Pathology Laboratories segment is likely to have a considerable growth rate over the forecasted period of 2020-2027.

Regional Overview in the India Vacuum Blood Collection Tube Market

By geography, the India Vacuum Blood Collection Tube Market segmented into North India, South India, West India, and East India. The North India vacuum blood collection tube market is predicted to grow significantly during the forecasted period of 2020-2027. It is attributed to the well-developed healthcare infrastructure across the region, which is estimated to propel the market. Additionally, the mounting number of blood donation activities coupled with the presence of leading market players across the region is likely to fuel the market.

India Vacuum Blood Collection Tube Market: Competitive Landscape

Companies such as Becton, Dickinson, and Company, Narang Medical Limited, CML Biotech, Terumo Corporation, Bio – X, Labtech Disposables, Sunphoria Ltd., Greiner Bio-One International, Biosigma, Hebei Xinle Sci &Tech Co. Ltd., Medtronic plc., and Other Prominent Players are the key players in the India Vacuum Blood Collection Tube Market.

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