

Human Peripheral Blood Market, Global Outlook and Forecast 2022-2028

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Abstracts

Peripheral blood is the blood circulating throughout the body. The cellular components that could be isolated from human peripheral blood include erythrocytes (red blood cells), leukocytes (white blood cells), and thrombocytes (platelets). Plasma, the liquid component of peripheral blood, can also be collected and it is the vehicle through which these blood cells circulate the body. The highly dynamic peripheral blood cell composition and its importance in studying the immune system coupled with the noninvasive and easily accessible collection methods of its WBC population have made it the most widely used system in research and therapy development.

The popularity of human peripheral blood in research is because of its white blood cell (WBC) population, notably peripheral blood mononuclear cells (PBMCs) which include subsets from the lymphoid lineage (T cells, B cells, NK cells) and myeloid lineage (monocytes, dendritic cells). These WBCs are critical components of the innate and adaptive immune response and are the main building blocks for development of many cell therapies such as CAR-T.

This report contains market size and forecasts of Human Peripheral Blood in Global, including the following market information:

Global Human Peripheral Blood Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Human Peripheral Blood market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Unprocessed Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Human Peripheral Blood include Charles River, StemExpress, AllCells, Lonza, iSpecimen, Cytologics and ATCC, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Human Peripheral Blood companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Human Peripheral Blood Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Human Peripheral Blood Market Segment Percentages, by Type, 2021 (%)

Unprocessed

Primary Cells

Others

Global Human Peripheral Blood Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Human Peripheral Blood Market Segment Percentages, by Application, 2021 (%)

Disease Treatment

Research and Development

Others

Global Human Peripheral Blood Market, By Region and Country, 2017-2022, 2023-2028
(\$ Millions)

Global Human Peripheral Blood Market Segment Percentages, By Region and Country,
2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Human Peripheral Blood revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Human Peripheral Blood revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Charles River

StemExpress

AllCells

Lonza

iSpecimen

Cytologics

ATCC

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