

# Global Artificial Blood Cells Market Growth 2025-2031

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## Abstracts

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The global Artificial Blood Cells market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of %from 2025 to 2031.

Artificial blood cell is a product made to act as a substitute for red blood cells. While true blood serves many different functions, artificial blood is designed for the sole purpose of transporting oxygen and carbon dioxide throughout the body.

According to the Global Use of Medicines 2023 released by IQVIA Institute, the global drug expenditure in 2022 was about US\$1.48 trillion (excluding COVID vaccine and treatment-related expenses), and it is predicted to grow at a rate of 3%-6% in the next few years. In terms of drug expenditure, this number in China was about 166 billion dollars in 2022. It is expected that the expenditure on medicines will increase in the next few years. From the perspective of demand, the trend of population aging, the increase of residents' wealth and the improvement of health awareness will drive the demand for medicines.

Global Use of Medicines 2023 shows that the U.S. market spent about US\$ 62.9 billion on medicines in 2022 on a net ex-factory basis. Overall growth slows as the Inflation Reduction Act (IRA) spends US\$64 billion to reduce prescription drug prices, and the adoption of new treatments is expected to increase over the next few years. Besides, ex-factory discounts and rebates in drug distribution, the impact of patent expiration, and generic or biosimilar competition will also affect the U.S. pharmaceutical market.

LP Information, Inc. (LPI) ' newest research report, the "Artificial Blood Cells Industry Forecast" looks at past sales and reviews total world Artificial Blood Cells sales in 2024, providing a comprehensive analysis by region and market sector of projected Artificial

Blood Cells sales for 2025 through 2031. With Artificial Blood Cells sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Artificial Blood Cells industry.

This Insight Report provides a comprehensive analysis of the global Artificial Blood Cells landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Artificial Blood Cells portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Artificial Blood Cells market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Artificial Blood Cells and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Artificial Blood Cells.

This report presents a comprehensive overview, market shares, and growth opportunities of Artificial Blood Cells market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Animal Hemoglobin

Human Hemoglobin

Stem Cell

Others

#### Segmentation by Application:

Cardiovascular Diseases

Anemia

Organ Transplant

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Dextro-Sang Corporation

BioPure Corporation

Sangart

Northfield Laboratories

Baxter International

Dentritech

FluorO2 Therapeutics

Nuvox Pharma

Alpha Therapeutic Corporation

## HemoBioTech

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Artificial Blood Cells market?

What factors are driving Artificial Blood Cells market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Artificial Blood Cells market opportunities vary by end market size?

How does Artificial Blood Cells break out by Type, by Application?

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