

Global Synthetic Blood Substitutes and Blood Product Market Growth 2023-2029

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Abstracts

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Artificial blood replacement in the human body is referred to as synthetic blood substitutes. A blood replacement is a substance that is utilised to meet the biological needs of the body that are not met by real blood. A set of chemicals made consisting of carbon and fluorine are used to create artificial blood. These molecules may dissolve 50 times more oxygen into the body than blood plasma. Internally, the molecules work similarly to blood, supplying oxygen to different regions of the body, organs, and tissues. Patients suffer massive blood loss as a result of catastrophic injuries and diseases, resulting in the deaths of thousands of patients each year. Fresh blood also has a 42-hour life span. Because of this obstacle, synthetic blood substitutes are required to meet the patient's immediate blood supply needs and to extend his or her life.

LPI (LP Information)' newest research report, the "Synthetic Blood Substitutes and Blood Product Industry Forecast" looks at past sales and reviews total world Synthetic Blood Substitutes and Blood Product sales in 2022, providing a comprehensive analysis by region and market sector of projected Synthetic Blood Substitutes and Blood Product sales for 2023 through 2029. With Synthetic Blood Substitutes and Blood Product sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Synthetic Blood Substitutes and Blood Product industry.

This Insight Report provides a comprehensive analysis of the global Synthetic Blood Substitutes and Blood Product 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 Synthetic Blood Substitutes and Blood Product portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Synthetic Blood Substitutes and Blood Product market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Synthetic Blood Substitutes and Blood Product 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 Synthetic Blood Substitutes and Blood Product.

The global Synthetic Blood Substitutes and Blood Product market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Synthetic Blood Substitutes and Blood Product is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Synthetic Blood Substitutes and Blood Product is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Synthetic Blood Substitutes and Blood Product is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Synthetic Blood Substitutes and Blood Product players cover Aurum Biosciences Ltd, Hemarina SA, KaloCyte Inc., NuvOx Pharma LLC, Northfield Laboratories, Dentritech, Inc., HemoBioTech, Inc., Dextro-Sang Corp. and Baxter International, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

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

Market Segmentation:

Segmentation by type

Human Blood

Animal Blood

Microorganisms

Synthetic Polymers

Stem Cells

Others

Segmentation by application

Hospitals and Clinics

Blood Banks

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 analyzing the company's coverage, product portfolio, its market penetration.

Aurum Biosciences Ltd

Hemarina SA

KaloCyte Inc.

NuvOx Pharma LLC

Northfield Laboratories

Dentritech, Inc.

HemoBioTech, Inc.

Dextro-Sang Corp.

Baxter International

FluorO2 Therapeutics

Alpha Therapeutic Corp.

Hemoglobin Oxygen Therapeutics LLC

SpheriTech Ltd

Sangart, Inc.

BioPure

Key Questions Addressed in this Report

What is the 10-year outlook for the global Synthetic Blood Substitutes and Blood Product market?

What factors are driving Synthetic Blood Substitutes and Blood Product market growth, globally and by region?

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

How do Synthetic Blood Substitutes and Blood Product market opportunities vary by end market size?

How does Synthetic Blood Substitutes and Blood Product break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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