

Artificial Blood Substitutes Market 2021 Key Applications, New Technology and Forecast till 2027 | Emergen Research

The shortage of human blood for transfusion and rising incidence of accidents and injuries are amongst the significant factors influencing the market growth.

VANCOUVER, BC, CANADA, September 22, 2022 /EINPresswire.com/ -- The global [Artificial Blood Substitutes Market](#) is projected to worth USD 15.40 Billion by 2027, according to a new report by Emergen Research. The market for synthetic blood substitutes such as Hemopure, Oxyglobin, and

Hemotech, is growing at a double-digit rate attributed to its rising application in cardiovascular diseases, anemia, malignant neoplasm, injuries, neonatal conditions, maternal conditions, and organ transplant, among others. Also, obstetric conditions linked with blood transfusion may result in health complications, and even death, if inappropriately managed, is likely to fuel the demand for synthetic blood substitutes.

“

Artificial Blood Substitutes Market Size – USD 3,895.9 Million in 2019, Market Growth - CAGR of 18.5%, Market Trends –Increasing demand for blood transfusion during childbirth”

Emergen Research



Emergen Research Logo

The shortage of human blood for transfusion and rising incidence of accidents and injuries are amongst the significant factors influencing the Artificial Blood Substitutes market growth.

Every year, more than 4.5 million people in America receive transfusions, owing to a surgical operation or a traumatic injury and the count of patients needing a transfusion is surpassing the number of donors. According to the Pacific Heart, Lung, and Blood Institute, there is an acute shortfall

of human blood availability for healthcare purposes.

□□□□□□ □□ □□□□□□□□ □□□□□□ □□ □□□□ □□□□□□□□□□ □□□□□□ :-

<https://www.emergenresearch.com/request-sample/146>

It offers detailed insights into the impact of COVID-19 on the industry at a regional level and industry level. The report also covers the developments and government regulations related to COVID-19. The report further analyzes the current and future impact of COVID-19 on the global market and provides an insight into the post-COVID-19 situation.

□□□□ □□□ □□□□□□□□□□□□ □□□□ □□□ □□□□□□□ :

In September 2019, a preclinical-stage biotech firm, KaloCyte, engaged in developing a bio-inspired synthetic RBC substitute for application in settings when stored RBCs are not available, has entered into an alliance with the growing biotech community of Baltimore as an affiliate of the University of Maryland (UM) BioPark.

Synthetic hemoglobin-based substitutes are created from hemoglobin collected from a strain of E. coli bacteria. The modified hemoglobin is stable and possesses a more excellent oxygen-carrying ability as compared to RBCs.

Blood transfusions are often administered to patients for the treatment of low hemoglobin levels percutaneous coronary intervention, coronary artery bypass grafting, and non-ST-segment elevation acute coronary syndromes, and settings. Thus, cardiovascular diseases are a major application area for the market.

Contrary to natural blood, with a shelf-life of 42 days, synthetic substitutes may be stored for over a year or more, thereby easing the task of storage and preservation by blood banks and use it when required in blood transfusion.

Europe held the second-largest market share in 2019, owing to the growing demand for synthetic substitutes for blood transfusion in several medical applications, including traumatic injuries & anemia and increased investments in R&D by biotech firms.

Top Companies Profiled in the Artificial Blood Substitutes Market Report Include : Hemarina, Sagart Corporation, FLUORO2 Therapeutics, Biopure Corporation, Alpha Therapeutic Corporation, KaloCyte, Baxter, Green Cross Corporation, North Field Laboratories, and Alliance Pharmaceutical Corporation, among others.

□□□□ □□□□ □□□□□□□□ □□ □□□ □□□□□□□□□□ □□□□ □□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□
@ <https://www.emergenresearch.com/industry-report/synthetic-blood-substitutes-market>

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries

involved in the study.

□□□□□□ □□□□□□ □□ □□□□□□□□ □□ □□□□ □□□□□□□□ □□□□ □□□□□□□□ □□□□ □□ □□□□ □□ □□□□□□, □□□□, □□□□□□□□□□, □□□-□□□, □□□ □□□□□□:

□□□□□□ □□□□□□ (□□□□□□□□, □□□ □□□□□□□□; □□□□-□□□□)

Human Blood

Animal Blood

Microorganisms

Synthetic Polymers

Stem Cells

Others

□□□□ □□□□□□ (□□□□□□□□, □□□ □□□□□□□□; □□□□-□□□□)

Hemoglobin-Based Oxygen Carriers (HBOCs)

Perfluorocarbon (PFCs)

Others

□□□□□□□□□□ □□□□□□ (□□□□□□□□, □□□ □□□□□□□□; □□□□-□□□□)

Cardiovascular Diseases

Anemia

Malignant Neoplasm

Injuries and Trauma

Neonatal Conditions

Maternal Conditions

Organ Transplant

Others

□□□□□□□ □□□ □□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□ □□□□□□□□□□ □□□□□□ □□□□□□ @

<https://www.emergenresearch.com/request-for-customization/146>

□□□□□□□□ □□□□□□□□:

The global Artificial Blood Substitutes Market has been categorized on the basis of key geographical regions into North America, Asia Pacific, Europe, Latin America, and Middle East & Africa. It evaluates the presence of the global Artificial Blood Substitutes Market in the major regions with regards to market share, market size, revenue contribution, sales network and distribution channel, and other key elements

□□□ □□□□□□ □□□□□□□□ □□□□□□□□ □□□□ □□:

What is the Artificial Blood Substitutes Market size and forecast of the Global Market?

What are the inhibiting factors and impact of COVID-19 shaping the Global Artificial Blood Substitutes Market during the forecast period?

Which products/segments/applications/areas to invest in over the forecast period in the Global Artificial Blood Substitutes Market ?

What modes and strategic moves are suitable for entering the Global Artificial Blood Substitutes Market ?

□□□□□□ □□□□□□ □□□□ @ <https://www.emergenresearch.com/request-sample/146>

□□□□□ □□□□□□□ □□□□□□□□

Emergen Research is a Market research and consulting company that provides syndicated research reports, customized research reports, and consulting services. Our solutions purely focus on your purpose to locate, target, and analyze consumer behavior shifts across demographics, across industries, and help clients make smarter business decisions. We offer Market intelligence studies ensuring relevant and fact-based research across multiple industries, including Healthcare, Touch Points, Chemicals, Types, and Energy. We consistently update our research offerings to ensure our clients are aware of the latest trends existent in the market. Emergen Research has a strong base of experienced analysts from varied areas of expertise. Our industry experience and ability to develop a concrete solution to any research problems provides our clients with the ability to secure an edge over their respective competitors.

□□□□□ □□□ □□□ □□□□□□□ □□□ □□□□□□. □□□ □□□□□□□ □□□□□□□ □□ □□ □□□□□□□ □□□□□ □□□□□□□□□□□□□□, □□□□□□ □□□ □□ □□□□. □□ □□□□ □□□□□ □□□ □□□ □□□□□□ □□ □□□ □□□□ □□□□□

Eric Lee
Emergen Research
+91 90210 91709
sales@emergenresearch.com
Visit us on social media:
[Facebook](#)
[Twitter](#)
[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/592210478>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 Newsmatics Inc. All Right Reserved.