

# Global Artificial Oxygen Carriers Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Artificial Oxygen Carriers market size is expected to reach \$ 24.86 million by 2032, rising at a market growth of 18.2% CAGR during the forecast period (2026-2032).

Artificial Oxygen Carriers are engineered medical formulations designed to bind, transport, and release oxygen in the body to support tissue oxygenation when red blood cell oxygen delivery is inadequate or unavailable, serving as an alternative or adjunct to transfusion in selected settings. They are commonly developed as hemoglobin-based oxygen carriers that use modified cell-free hemoglobin to carry oxygen, or as perfluorocarbon-based emulsions that dissolve and shuttle oxygen through the circulation, and they are often discussed under the broader concept of oxygen therapeutics because their intended role is to improve oxygen delivery rather than to replicate every function of whole blood.

This report studies the global Artificial Oxygen Carriers demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Artificial Oxygen Carriers, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Artificial Oxygen Carriers that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Artificial Oxygen Carriers total market, 2021-2032, (USD Million)

Global Artificial Oxygen Carriers total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Artificial Oxygen Carriers total market, key domestic companies, and share, (USD Million)

Global Artificial Oxygen Carriers revenue by player, revenue and market share 2021-2026, (USD Million)

Global Artificial Oxygen Carriers total market by Type, CAGR, 2021-2032, (USD Million)

Global Artificial Oxygen Carriers total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Artificial Oxygen Carriers market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include KaloCyte, HbO2 Therapeutics, Prolong Pharmaceuticals, Hemarina, NuvOx Therapeutics, Aurum Biosciences, SpheriTech, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Artificial Oxygen Carriers market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Artificial Oxygen Carriers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Artificial Oxygen Carriers Market, Segmentation by Type:

Hemoglobin-based

Perfluorocarbon-based

#### Global Artificial Oxygen Carriers Market, Segmentation by Target Species:

Human Use

Veterinary Use

#### Global Artificial Oxygen Carriers Market, Segmentation by Application:

Hospital

Clinical Research

Others

#### Companies Profiled:

KaloCyte

HbO2 Therapeutics

Prolong Pharmaceuticals

Hemarina

NuvOx Therapeutics

Aurum Biosciences

SpheriTech

#### Key Questions Answered

1. How big is the global Artificial Oxygen Carriers market?
2. What is the demand of the global Artificial Oxygen Carriers market?
3. What is the year over year growth of the global Artificial Oxygen Carriers market?
4. What is the total value of the global Artificial Oxygen Carriers market?
5. Who are the Major Players in the global Artificial Oxygen Carriers market?
6. What are the growth factors driving the market demand?

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