

# **Global Stem Cell Umbilical Cord Blood Market Size study, by Storage Service (Public Cord Blood Banks, Private Cord Blood Banks, Hybrid Cord Blood Banks), by Therapeutics (Cancer, Diabetes, Blood Diseases, Immune Disorders, Metabolic Disorders, Others), by Application (Transplant Medicine, Regenerative Medicine) and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Stem Cell Umbilical Cord Blood Market is valued approximately at USD 4.99 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 17.05% over the forecast period 2024-2032. Stem Cell Umbilical Cord Blood refers to the blood collected from the umbilical cord and placenta immediately after childbirth, which is a rich source of hematopoietic stem cells. These stem cells have the ability to develop into different types of blood cells and are used in medical treatments for various diseases, including leukemia, lymphoma, and other blood disorders. The process of collecting cord blood is safe and painless for both the mother and the newborn. Once collected, the cord blood can be processed and cryopreserved for future use in stem cell transplants. This form of stem cell therapy is gaining attention due to its potential to treat a wide range of medical conditions and its less invasive collection method compared to bone marrow extraction.

The umbilical cord blood stem cell segment is one of the potential segments of the stem cell market, which is projected to grow in the future. Cord blood is one of the rich sources of stem cells, which are treated as waste after pregnancy or childbirth; however, this blood has huge potential to treat chronic diseases such as cancer, diabetes, blood diseases, and immune diseases. Various governments are supporting the research and clinical trials of cord blood stem cells, which has increased the interest of healthcare companies to invest in research and commercialization of cord blood stem

cell therapies. However, competition in the market is intense with companies trying to create brand awareness, therefore, compelling market players to adopt many market-based strategies. These stem cells are the only type of cells that are stored in controlled conditions due to their lower volume and higher cell count.

The cost structure of stem cell treatment has a major impact on the growth of the market in developed countries. Stem cells collected from cord blood are used in the treatment of many rare diseases that include metabolic diseases and immune diseases. The overall market is growing from clinical applications to commercialization. Companies involved in the research and commercialization of stem cell therapies are adopting approval and clinical trials as their primary strategy and product launch as their secondary strategy to maintain their dominance in the stem cell umbilical cord blood market.

The key regions considered for the Global Stem Cell Umbilical Cord Blood Market study include Asia Pacific, North America, Europe, Latin America, and Middle East and Africa. North America lead the market in year 2023, attributed to the significant number of patents granted for cord blood therapies and the presence of advanced healthcare infrastructure. Meanwhile, the Asia-Pacific region is anticipated to exhibit the fastest growth rate over the forecast period, driven by the increasing healthcare investments and Ongoing research and development in stem cell therapies and regenerative medicine are expanding the applications of cord blood stem cells, encouraging market growth.

Major market players included in this report are:

Cordlife Group Limited  
Cord Blood America  
Cryo-Cell International, Inc.  
Medipost Co. Ltd.  
Global Cord Blood Corporation  
Americord Registry LLC  
Cordvida  
China Cord Blood Corporation  
ViaCord  
Vita34 AG  
Esperite N.V.  
LifeCell International Pvt. Ltd.  
Cryosite  
Smart Cells International Ltd.

StemCyte Inc.

The detailed segments and sub-segment of the market are explained below:

By Storage Service:

Public Cord Blood Banks

Private Cord Blood Banks

Hybrid Cord Blood Banks

By Therapeutics:

Cancer

Diabetes

Blood Diseases

Immune Disorders

Metabolic Disorders

Others

By Application:

Transplant Medicine

Regenerative Medicine

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET EXECUTIVE SUMMARY**

- 1.1. Global Stem Cell Umbilical Cord Blood Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Storage Service
  - 1.3.2. By Therapeutics
  - 1.3.3. By Application
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET**

*Global Stem Cell Umbilical Cord Blood Market Size study, by Storage Service (Public Cord Blood Banks, Private...*

## **DYNAMICS**

### 3.1. Market Drivers

- 3.1.1. Increasing prevalence of chronic diseases
- 3.1.2. Government support for research and clinical trials
- 3.1.3. Growing interest in cord blood stem cell therapies

### 3.2. Market Challenges

- 3.2.1. High cost of treatment
- 3.2.2. Lack of trained professionals

### 3.3. Market Opportunities

- 3.3.1. Technological advancements in stem cell therapies
- 3.3.2. Expanding applications of stem cell treatments
- 3.3.3. Increasing healthcare investments in developing regions

## **CHAPTER 4. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top investment opportunity

### 4.4. Top winning strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET SIZE &**

## **FORECASTS BY STORAGE SERVICE 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Stem Cell Umbilical Cord Blood Market: Storage Service Revenue Trend Analysis, 2022 & 2032 (USD Billion)

#### 5.2.1. Public Cord Blood Banks

#### 5.2.2. Private Cord Blood Banks

#### 5.2.3. Hybrid Cord Blood Banks

## **CHAPTER 6. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET SIZE & FORECASTS BY THERAPEUTICS 2022-2032**

### 6.1. Segment Dashboard

### 6.2. Global Stem Cell Umbilical Cord Blood Market: Therapeutics Revenue Trend Analysis, 2022 & 2032 (USD Billion)

#### 6.2.1. Cancer

#### 6.2.2. Diabetes

#### 6.2.3. Blood Diseases

#### 6.2.4. Immune Disorders

#### 6.2.5. Metabolic Disorders

#### 6.2.6. Others

## **CHAPTER 7. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

### 7.1. Segment Dashboard

### 7.2. Global Stem Cell Umbilical Cord Blood Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Billion)

#### 7.2.1. Transplant Medicine

#### 7.2.2. Regenerative Medicine

## **CHAPTER 8. GLOBAL STEM CELL UMBILICAL CORD BLOOD MARKET SIZE & FORECASTS BY REGION 2022-2032**

### 8.1. North America Stem Cell Umbilical Cord Blood Market

#### 8.1.1. U.S. Stem Cell Umbilical Cord Blood Market

##### 8.1.1.1. Storage Service breakdown size & forecasts, 2022-2032

##### 8.1.1.2. Therapeutics breakdown size & forecasts, 2022-2032

##### 8.1.1.3. Application breakdown size & forecasts, 2022-2032

- 8.1.2. Canada Stem Cell Umbilical Cord Blood Market
- 8.2. Europe Stem Cell Umbilical Cord Blood Market
  - 8.2.1. U.K. Stem Cell Umbilical Cord Blood Market
  - 8.2.2. Germany Stem Cell Umbilical Cord Blood Market
  - 8.2.3. France Stem Cell Umbilical Cord Blood Market
  - 8.2.4. Italy Stem Cell Umbilical Cord Blood Market
  - 8.2.5. Spain Stem Cell Umbilical Cord Blood Market
  - 8.2.6. Rest of Europe Stem Cell Umbilical Cord Blood Market
- 8.3. Asia-Pacific Stem Cell Umbilical Cord Blood Market
  - 8.3.1. China Stem Cell Umbilical Cord Blood Market
  - 8.3.2. India Stem Cell Umbilical Cord Blood Market
  - 8.3.3. Japan Stem Cell Umbilical Cord Blood Market
  - 8.3.4. Australia Stem Cell Umbilical Cord Blood Market
  - 8.3.5. Rest of Asia Pacific Stem Cell Umbilical Cord Blood Market
- 8.4. Latin America Stem Cell Umbilical Cord Blood Market
  - 8.4.1. Brazil Stem Cell Umbilical Cord Blood Market
  - 8.4.2. Mexico Stem Cell Umbilical Cord Blood Market
  - 8.4.3. Rest of Latin America Stem Cell Umbilical Cord Blood Market
- 8.5. Middle East & Africa Stem Cell Umbilical Cord Blood Market
  - 8.5.1. Saudi Arabia Stem Cell Umbilical Cord Blood Market
  - 8.5.2. South Africa Stem Cell Umbilical Cord Blood Market
  - 8.5.3. Rest of Middle East & Africa Stem Cell Umbilical Cord Blood Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Cordlife Group Limited
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Market Strategies
  - 9.3.2. Cord Blood America
  - 9.3.3. Cryo-Cell International, Inc.



- 9.3.4. Medipost Co. Ltd.
- 9.3.5. Global Cord Blood Corporation
- 9.3.6. Americord Registry LLC
- 9.3.7. Cordvida
- 9.3.8. China Cord Blood Corporation
- 9.3.9. ViaCord
- 9.3.10. Vita34 AG
- 9.3.11. Esperite N.V.
- 9.3.12. LifeCell International Pvt. Ltd.
- 9.3.13. Cryosite
- 9.3.14. Smart Cells International Ltd.
- 9.3.15. StemCyte Inc.

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Stem Cell Umbilical Cord Blood market, report scope
- TABLE 2. Global Stem Cell Umbilical Cord Blood market estimates & forecasts by Region 2022-2032 (USD Billion)
- TABLE 3. Global Stem Cell Umbilical Cord Blood market estimates & forecasts by Storage Service 2022-2032 (USD Billion)
- TABLE 4. Global Stem Cell Umbilical Cord Blood market estimates & forecasts by Therapeutics 2022-2032 (USD Billion)
- TABLE 5. Global Stem Cell Umbilical Cord Blood market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 6. Global Stem Cell Umbilical Cord Blood market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 7. Global Stem Cell Umbilical Cord Blood market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 8. Global Stem Cell Umbilical Cord Blood market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 9. Global Stem Cell Umbilical Cord Blood market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 10. Global Stem Cell Umbilical Cord Blood market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 11. Global Stem Cell Umbilical Cord Blood market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 12. Global Stem Cell Umbilical Cord Blood market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 13. Global Stem Cell Umbilical Cord Blood market by segment, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 14. Global Stem Cell Umbilical Cord Blood market by region, estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 15. U.S. Stem Cell Umbilical Cord Blood market estimates & forecasts, 2022-2032 (USD Billion)
- TABLE 16. U.S. Stem Cell Umbilical Cord Blood market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 17. U.S. Stem Cell Umbilical Cord Blood market estimates & forecasts by segment 2022-2032 (USD Billion)
- TABLE 18. Canada Stem Cell Umbilical Cord Blood market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Stem Cell Umbilical Cord Blood market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. Canada Stem Cell Umbilical Cord Blood market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Stem Cell Umbilical Cord Blood market, research methodology
- FIG 2. Global Stem Cell Umbilical Cord Blood market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Stem Cell Umbilical Cord Blood market, key trends 2023
- FIG 5. Global Stem Cell Umbilical Cord Blood market, growth prospects 2022-2032
- FIG 6. Global Stem Cell Umbilical Cord Blood market, porters 5 force model
- FIG 7. Global Stem Cell Umbilical Cord Blood market, PESTEL analysis
- FIG 8. Global Stem Cell Umbilical Cord Blood market, value chain analysis
- FIG 9. Global Stem Cell Umbilical Cord Blood market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Stem Cell Umbilical Cord Blood market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Stem Cell Umbilical Cord Blood market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Stem Cell Umbilical Cord Blood market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Stem Cell Umbilical Cord Blood market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Stem Cell Umbilical Cord Blood market, regional snapshot 2022 & 2032
- FIG 15. North America Stem Cell Umbilical Cord Blood market 2022 & 2032 (USD Billion)
- FIG 16. Europe Stem Cell Umbilical Cord Blood market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Stem Cell Umbilical Cord Blood market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Stem Cell Umbilical Cord Blood market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Stem Cell Umbilical Cord Blood market 2022 & 2032 (USD Billion)
- FIG 20. Global Stem Cell Umbilical Cord Blood market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

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