

# **Cord Blood Banking Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Service (Sample Preservation & Storage, Sample Analysis, Sample Processing, Sample Collection & Transportation), By Component (Cord Blood v/s Cord Tissue), By Application (Cancer Disease, Diabetes, Blood Disease, Immune Disorders, Metabolic Disorders, Others), By Sector (Public Cord Blood Banks v/s Private cord Blood Banks), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Cord Blood Banking Market is projected to expand significantly from USD 20.11 Billion in 2025 to USD 39.23 Billion by 2031, demonstrating an 11.78% Compound Annual Growth Rate. This growth is underpinned by the practice of collecting and cryopreserving hematopoietic stem cells from the umbilical cord and placenta post-childbirth for various therapeutic uses. A primary catalyst for this market expansion is the escalating incidence of chronic hematological and genetic disorders such as leukemia, lymphoma, and sickle cell anemia, making stem cell transplantation a critical treatment, as evidenced by an estimated 66,890 new leukemia cases in the U.S. in 2025. Furthermore, advancements in regenerative medicine and clinical research are broadening cord blood's utility beyond traditional blood conditions, with studies demonstrating promising results for neurological conditions like cerebral palsy, thereby enhancing its perceived value as a versatile biological resource. This expanding scope, coupled with companies like FamiCord Group cumulatively storing over a million biological units, underscores the robust demand driven by its proven clinical efficacy

and emerging therapeutic applications.

### **Market Driver**

The market's expansion is significantly propelled by the increasing prevalence of chronic and genetic disorders treatable with stem cells. Conditions like leukemia, lymphoma, and sickle cell anemia are on the rise, creating a critical need for hematopoietic stem cell transplantation and directly incentivizing cord blood storage. For instance, the American Cancer Society reported an estimated 66,890 new leukemia cases in the U.S. in 2025, highlighting the urgent demand for readily available stem cell resources and prompting families to bank cord blood as a biological insurance. Consequently, leading industry players, such as the FamiCord Group, have scaled their operations, cumulatively storing over one million units of biological material. Beyond hematological uses, advancements in regenerative medicine and clinical research are broadening the market's scope. Promising research into cord blood's therapeutic potential for neurological conditions, like the significant improvements in gross motor skills observed in cerebral palsy patients treated with cord blood as published in *Pediatrics*, validates its utility for future medical interventions and encourages wider adoption among expectant parents and healthcare providers.

### **Market Challenge**

A primary challenge hindering the growth of the Global Cord Blood Banking Market is the prohibitive cost associated with private banking services. Families face substantial initial collection and processing fees, followed by recurring annual storage charges, which collectively create a significant financial barrier that restricts accessibility for a broad demographic. This high expense is further compounded by the lack of uniform insurance reimbursement policies, forcing parents to bear the full cost out-of-pocket and effectively limiting the market's reach to a narrower, affluent segment. Moreover, this economic restraint is intensified by the relatively low clinical application rate of these preserved resources; for example, umbilical cord blood represented only 3% of allogeneic transplants in 2025, according to the Center for International Blood and Marrow Transplant Research. This low utilization undermines the perceived return on investment for prospective customers, directly impeding broader market expansion.

### **Market Trends**

The market is witnessing a notable trend in the diversification into cord tissue and placental banking services, where companies are expanding their offerings beyond

traditional hematopoietic stem cell storage. By preserving mesenchymal stem cells found in umbilical cord tissue and the placenta, banks are creating new revenue streams and meeting the growing demand for regenerative therapies focused on muscle and nerve repair. This strategy not only increases the lifetime value derived from each client but also mitigates pressure from stagnant blood collection rates, as exemplified by FamiCord Group's 14.6% revenue increase in H1 2025, largely driven by its successful placental tissue banking services. Simultaneously, strategic industry consolidation through mergers and acquisitions is reshaping the sector, as major players absorb smaller entities to enhance operational efficiency. The high fixed costs associated with long-term cryopreservation and stringent regulatory compliance favor well-capitalized conglomerates that can integrate banking into broader reproductive health ecosystems, thereby enabling cross-selling opportunities. This trend toward significant corporate scale is reflected in the financial results of market leaders like CooperCompanies, whose CooperSurgical division reported \$1.35 billion in fiscal year revenue in 2025, showcasing the robust capacity achieved through these integrated healthcare platforms.

### **Key Market Players**

Americord Registry LLC

Covis Group

Cordlife Group Limited

Cryo-Cell International, Inc.

FamiCord Group

Perkinelmer Inc.

Lifecell International Pvt. Ltd.

ViaCord LLC

Global Cord Blood Corporation

StemCyte, Inc.

## Report Scope

In this report, the Global Cord Blood Banking Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Cord Blood Banking Market, By Service

- Sample Preservation & Storage

- Sample Analysis

- Sample Processing

- Sample Collection

- Transportation

### Cord Blood Banking Market, By Component

- Cord Blood

- Cord Tissue

### Cord Blood Banking Market, By Application

- Cancer Disease

- Diabetes

- Blood Disease

- Immune Disorders

- Metabolic Disorders

- Others

### Cord Blood Banking Market, By Sector

Public Cord Blood Banks

Private cord Blood Banks

Cord Blood Banking Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Cord Blood Banking Market.

## **Available Customizations:**

Global Cord Blood Banking Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## **Company Information**

Detailed analysis and profiling of additional market players (up to five).

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