

# Cryogenic Biobanking Services Market SWOT Analysis by Leading Key Players: BioCision, Cryoport, Thermo Scientific

*The Cryogenic Biobanking Services market size is to reach USD 5.2 Billion at a CAGR of 26.4% by 2030. The Current market value is pegged at USD 2.59 Billion.*

PUNE, MAHARASHTRA, INDIA, September 3, 2024 /EINPresswire.com/ -- According to HTF Market Intelligence, the [Global Cryogenic Biobanking Services market](#) to witness a CAGR of 26.4% during the forecast period (2024-2030). The Latest Released Cryogenic Biobanking Services Market Research assesses the future growth potential of the Cryogenic Biobanking Services market and provides information and useful statistics on market structure and size.



Cryogenic Biobanking Services Market

This report aims to provide market intelligence and strategic insights to help decision-makers make sound investment decisions and identify potential gaps and growth opportunities. Additionally, the report identifies and analyses the changing dynamics and emerging trends along with the key drivers, challenges, opportunities and constraints in the Cryogenic Biobanking Services market. The Cryogenic Biobanking Services market size is estimated to reach by USD 5.2 Billion at a CAGR of 26.4% by 2030. The report includes historic market data from 2019 to 2023. The Current market value is pegged at USD 2.59 Billion.



Stay up to date with Cryogenic Biobanking Services Market research offered by HTF MI. Check how key trends and emerging drivers are shaping this industry growth."

*Nidhi Bhawsar*

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The Major Players Covered in this Report: Thermo Fisher Scientific (United States), BioCision (United States), VITL Life Science Solutions (United Kingdom), Brooks Life Sciences (United States), STEMCELL Technologies (Canada), Cryoport, Inc. (United States), Hamilton Storage Technologies (United States), LabVantage Solutions (United States), Panasonic Healthcare (Japan), Merck KGaA (Germany), New Brunswick Scientific (United States), CryoLife, Inc. (United States), Thermo Scientific (United States), Eppendorf AG (Germany), Bio-Rad Laboratories (United States)

#### Definition:

Cryogenic biobanking services refer to the storage of biological samples, such as blood, tissue, cells, DNA, and RNA, at extremely low temperatures using cryogenic techniques (typically below  $-150^{\circ}\text{C}$ ). These services are essential for preserving the integrity of samples over long periods, allowing for future research, diagnosis, and therapeutic use. Cryogenic biobanks are critical in fields like medical research, drug development, clinical trials, personalized medicine, and regenerative medicine.

#### Market Trends:

- With the growing focus on personalized medicine, there is a rising need for high-quality biological samples that can be used for genetic and biomarker analysis. Cryogenic biobanks provide the necessary infrastructure for storing these samples securely.
- The development of regenerative medicine, which involves the use of stem cells and other biological materials to repair or replace damaged tissues and organs, is driving demand for cryogenic biobanking services to store these sensitive samples.

#### Market Drivers:

- The increasing prevalence of chronic diseases such as cancer, diabetes, and cardiovascular diseases drives the demand for biobanked samples for research and development of new treatments and diagnostics.
- Ongoing advancements in biomedical research, including genomics, proteomics, and metabolomics, require high-quality biological samples for study. Cryogenic biobanking services are essential for preserving these samples.

#### Market Opportunities:

- Pharmaceutical and biotechnology companies are increasingly relying on biobanking services for drug development and discovery. This trend presents significant opportunities for biobanking service providers to partner with these companies.
- Developing countries are increasingly investing in healthcare infrastructure, including biobanking facilities. Expanding biobanking services into these markets offers a significant growth opportunity.

#### Market Challenges:

- Establishing and maintaining cryogenic biobanks involves high costs, including the expenses of advanced storage facilities, equipment, and energy consumption. These costs can be a barrier to entry and expansion for smaller biobanks.
- Biobanking involves ethical and legal challenges related to consent, privacy, and ownership of biological samples. Navigating these issues is critical to maintaining public trust and compliance with regulations.

#### Market Restraints:

- Compliance with regulatory requirements for biobanking can be complex and varies by region. Meeting these regulations requires significant resources and expertise, which can limit market growth.
- In some regions, there is limited awareness of the benefits and potential of biobanking, which can restrain the growth of the market. Educating stakeholders about the value of biobanking is essential.

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The titled segments and sub-sections of the market are illuminated below:

In-depth analysis of Cryogenic Biobanking Services market segments by Types: Human Samples, Animal Samples, Plant Samples, Microbial Samples

Detailed analysis of Cryogenic Biobanking Services market segments by Applications: Research and Development, Clinical Trials, Drug Development, Personalized Medicine

Major Key Players of the Market: Thermo Fisher Scientific (United States), BioCision (United States), VITL Life Science Solutions (United Kingdom), Brooks Life Sciences (United States), STEMCELL Technologies (Canada), Cryoport, Inc. (United States), Hamilton Storage Technologies (United States), LabVantage Solutions (United States), Panasonic Healthcare (Japan), Merck KGaA (Germany), New Brunswick Scientific (United States), CryoLife, Inc. (United States), Thermo Scientific (United States), Eppendorf AG (Germany), Bio-Rad Laboratories (United States)

Geographically, the detailed analysis of consumption, revenue, market share, and growth rate of the following regions:

- The Middle East and Africa (South Africa, Saudi Arabia, UAE, Israel, Egypt, etc.)
- North America (United States, Mexico & Canada)
- South America (Brazil, Venezuela, Argentina, Ecuador, Peru, Colombia, etc.)
- Europe (Turkey, Spain, Turkey, Netherlands Denmark, Belgium, Switzerland, Germany, Russia UK, Italy, France, etc.)
- Asia-Pacific (Taiwan, Hong Kong, Singapore, Vietnam, China, Malaysia, Japan, Philippines, Korea, Thailand, India, Indonesia, and Australia).

### Objectives of the Report:

- To carefully analyse and forecast the size of the Cryogenic Biobanking Services market by value and volume.
- To estimate the market shares of major segments of the Cryogenic Biobanking Services market.
- To showcase the development of the Cryogenic Biobanking Services market in different parts of the world.
- To analyse and study micro-markets in terms of their contributions to the Cryogenic Biobanking Services market, their prospects, and individual growth trends.
- To offer precise and useful details about factors affecting the growth of the Cryogenic Biobanking Services market.
- To provide a meticulous assessment of crucial business strategies used by leading companies operating in the Cryogenic Biobanking Services market, which include research and development, collaborations, agreements, partnerships, acquisitions, mergers, new developments, and product launches.

Global Cryogenic biobanking services Market Breakdown by Application (Research and Development, Clinical Trials, Drug Development, Personalized Medicine) by Sample Type (Human Samples, Animal Samples, Plant Samples, Microbial Samples) by By End User (Pharmaceutical Companies, Biotechnology Firms, Academic and Research Institutions, Hospitals and Diagnostic Laboratories) and by Geography (North America, South America, Europe, Asia Pacific, MEA)

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### Key takeaways from the Cryogenic Biobanking Services market report:

- Detailed consideration of Cryogenic Biobanking Services market-particular drivers, Trends, constraints, Restraints, Opportunities, and major micro markets.
- Comprehensive valuation of all prospects and threats in the
- In-depth study of industry strategies for growth of the Cryogenic Biobanking Services market-leading players.
- Cryogenic Biobanking Services market latest innovations and major procedures.
- Favourable dip inside Vigorous high-tech and market latest trends remarkable the Market.
- Conclusive study about the growth conspiracy of Cryogenic Biobanking Services market for forthcoming years.

### Major questions answered:

- What are influencing factors driving the demand for Cryogenic Biobanking Services near future?
- What is the impact analysis of various factors in the Global Cryogenic Biobanking Services market growth?
- What are the recent trends in the regional market and how successful they are?
- How feasible is Cryogenic Biobanking Services market for long-term investment?

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Major highlights from Table of Contents:

Cryogenic Biobanking Services Market Study Coverage:

- It includes major manufacturers, emerging player's growth story, and major business segments of Global Cryogenic biobanking services Market Size & Growth Outlook 2024-2030 market, years considered, and research objectives. Additionally, segmentation on the basis of the type of product, application, and technology.

- Global Cryogenic biobanking services Market Size & Growth Outlook 2024-2030 Market

Executive Summary: It gives a summary of overall studies, growth rate, available market, competitive landscape, market drivers, trends, and issues, and macroscopic indicators.

- Cryogenic Biobanking Services Market Production by Region Cryogenic Biobanking Services Market Profile of Manufacturers-players are studied on the basis of SWOT, their products, production, value, financials, and other vital factors.

Key Points Covered in Cryogenic Biobanking Services Market Report:

- Cryogenic Biobanking Services Overview, Definition and Classification Market drivers and barriers

- Cryogenic Biobanking Services Market Competition by Manufacturers

- Cryogenic Biobanking Services Capacity, Production, Revenue (Value) by Region (2024-2030)

- Cryogenic Biobanking Services Supply (Production), Consumption, Export, Import by Region (2024-2030)

- Cryogenic Biobanking Services Production, Revenue (Value), Price Trend by Type {Human Samples, Animal Samples, Plant Samples, Microbial Samples}

- Cryogenic Biobanking Services Market Analysis by Application {Research and Development, Clinical Trials, Drug Development, Personalized Medicine}

- Cryogenic Biobanking Services Manufacturers Profiles/Analysis Cryogenic Biobanking Services Manufacturing Cost Analysis, Industrial/Supply Chain Analysis, Sourcing Strategy and Downstream Buyers, Marketing

- Strategy by Key Manufacturers/Players, Connected Distributors/Traders Standardization, Regulatory and collaborative initiatives, Industry road map and value chain Market Effect Factors Analysis.

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About Author:

HTF Market Intelligence Consulting is uniquely positioned to empower and inspire with research and consulting services to empower businesses with growth strategies, by offering services with

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