

# **Biobanking Market Size, Trends, Analysis, and Outlook By Products and Services (Equipment, Consumables, Services, Software), By Sample Type (Blood Products, Human Tissues, Cell Lines, Nucleic Acids, Biological Fluids, Human Waste Products), By Storage (Manual, Automated), By Ownership (Universities, National/Regional Agencies, Non-Profit Organizations, Private Organizations), By Application (Regenerative Medicine, Life Science Research, Clinical Research), By End-User (Pharmaceutical Companies, Biotechnology Companies, CROs, Research Institutes, Hospitals, Others), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Biobanking market size is poised to register 7.9% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Biobanking market across By Products and Services (Equipment, Consumables, Services, Software), By Sample Type (Blood Products, Human Tissues, Cell Lines, Nucleic Acids, Biological Fluids, Human Waste Products), By Storage (Manual, Automated), By Ownership (Universities, National/Regional Agencies, Non-Profit Organizations, Private Organizations), By Application (Regenerative Medicine, Life Science Research, Clinical Research), By End-User (Pharmaceutical Companies, Biotechnology Companies, CROs, Research Institutes, Hospitals, Others)

The biobanking market is driven by the growing demand for high-quality biospecimens, advancements in biorepository management, and the need for standardized and interoperable data systems. By 2030, the market is expected to witness robust growth, fueled by innovations in sample collection, processing, and storage technologies. Further, expanding applications in precision medicine, genomics research, and drug development are anticipated to drive market expansion, enabling biobanks to support translational research, biomarker discovery, and personalized healthcare initiatives with diverse and well-characterized biological samples.

### Biobanking Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Biobanking market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Biobanking survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Biobanking industry.

### Key market trends defining the global Biobanking demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Biobanking Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Biobanking industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Biobanking companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Biobanking industry

Leading Biobanking companies are boosting investments to capitalize on untapped

potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Biobanking companies.

### Biobanking Market Study- Strategic Analysis Review

The Biobanking market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Biobanking Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Biobanking industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

### Biobanking Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

## North America Biobanking Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Biobanking market segments. Similarly, Strong market demand is encouraging Canadian Biobanking companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Biobanking market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

## Europe Biobanking Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Biobanking industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Biobanking market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

## Asia Pacific Biobanking Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Biobanking in Asia Pacific. In particular, China, India, and South East Asian Biobanking markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive

outlook of 6 major countries in the APAC region.

Latin America Biobanking Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Biobanking Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Biobanking market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Biobanking.

Biobanking Market Company Profiles

The global Biobanking market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are AMS Biotechnology Ltd, ASKION GmbH, Avantor Inc, Azena Inc, Bay Biosciences LLC, Becton, Dickinson and Company, BioKryo GmbH, Cell&Co BioServices SAS, Cryoport Inc, CTIBiotech, Cureline Inc, Firalis Group, Greiner Holding AG, Hamilton Company, Merck KGaA, Micronic Europe B.V., PHC Holdings Corp, ProteoGenex Inc, QIAGEN N.V., Sopachem NV, SPT Labtech Ltd, Tecan Trading AG, Thermo Fisher Scientific Inc, US Biolab Corp Inc, Ziath Ltd.

Recent Biobanking Market Developments

The global Biobanking market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Biobanking Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Products and Services

Equipment

-Storage Equipment

-Sample Analysis Equipment

-Sample Processing Equipment

-Sample Transport Equipment

## Consumables

-Storage Consumables

-Analysis Consumables

-Processing Consumables

-Collection Consumables

## Services

-Storage Services

-Processing Services

-Transport Services

-Supply Services

## Software

## By Sample Type

Blood Products

Human Tissues

Cell Lines

Nucleic Acids

Biological Fluids

Human Waste Products

## By Storage

Manual

Automated

By Ownership

Universities

National/Regional Agencies

Non-Profit Organizations

Private Organizations

By Application

Regenerative Medicine

Life Science Research

Clinical Research

By End-User

Pharmaceutical Companies

Biotechnology Companies

CROs

Research Institutes

Hospitals

Others

Geographical Segmentation:

North America (3 markets)



Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

AMS Biotechnology Ltd

ASKION GmbH

Avantor Inc

Azenta Inc

Bay Biosciences LLC

Becton, Dickinson and Company

BioKryo GmbH

Cell&Co BioServices SAS

Cryoport Inc

CTIBiotech

Cureline Inc

Firalis Group

Greiner Holding AG

Hamilton Company

Merck KGaA

Micronic Europe B.V.

PHC Holdings Corp

ProteoGenex Inc

QIAGEN N.V.

Sopachem NV

SPT Labtech Ltd

Tecan Trading AG

Thermo Fisher Scientific Inc

US Biolab Corp Inc

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- Sample Processing Equipment
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  - Analysis Consumables
  - Processing Consumables
  - Collection Consumables
- Services
  - Storage Services
  - Processing Services
  - Transport Services
  - Supply Services
- Software
- By Sample Type
  - Blood Products
  - Human Tissues
  - Cell Lines
  - Nucleic Acids
  - Biological Fluids
  - Human Waste Products
- By Storage
  - Manual
  - Automated
- By Ownership
  - Universities
  - National/Regional Agencies
  - Non-Profit Organizations
  - Private Organizations
- By Application
  - Regenerative Medicine
  - Life Science Research
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- By End-User
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ASKION GmbH  
Avantor Inc  
Azenta Inc  
Bay Biosciences LLC  
Becton, Dickinson and Company  
BioKryo GmbH  
Cell&Co BioServices SAS  
Cryoport Inc  
CTIBiotech  
Cureline Inc  
Firalis Group  
Greiner Holding AG  
Hamilton Company  
Merck KGaA  
Micronic Europe B.V.  
PHC Holdings Corp  
ProteoGenex Inc  
QIAGEN N.V.  
Sopachem NV  
SPT Labtech Ltd  
Tecan Trading AG  
Thermo Fisher Scientific Inc  
US Biolab Corp Inc  
Ziath Ltd.

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