

DNA and RNA Banking Services Market Size, Trends, Analysis, and Outlook By Type (Transportation Service, Processing Service, Storage Service, Quality Control Service, Data Storage, Others), By Specimen Type (Blood, Buccal Swabs & Hair Follicles, Others), By Application (Therapeutics, Drug Discovery & Clinical Research, Clinical Diagnostics, Others), By End-User (Academic Research, Pharmaceutical & Biotechnology Companies, Hospitals & Diagnostic Centers, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global DNA and RNA Banking Services market size is poised to register 5.63% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global DNA and RNA Banking Services market across By Type (Transportation Service, Processing Service, Storage Service, Quality Control Service, Data Storage, Others), By Specimen Type (Blood, Buccal Swabs & Hair Follicles, Others), By Application (Therapeutics, Drug Discovery & Clinical Research, Clinical Diagnostics, Others), By End-User (Academic Research, Pharmaceutical & Biotechnology Companies, Hospitals & Diagnostic Centers, Others).

The DNA and RNA banking services market is driven by the increasing demand for biobanking solutions to store and preserve genetic material for research, clinical trials, and personalized medicine applications. DNA (Deoxyribonucleic Acid) and RNA (Ribonucleic Acid) banking involves the collection, processing, and storage of biological

samples containing nucleic acids, such as blood, tissue, saliva, and cells, in biorepositories or biobanks. Market growth is propelled by the expanding applications of DNA and RNA banking in genomics research, biomarker discovery, pharmacogenomics, and genetic testing. Additionally, the rising prevalence of chronic diseases, genetic disorders, and infectious diseases further stimulates market demand for biobanking services to support epidemiological studies, disease surveillance, and drug development initiatives. Technological advancements in sample storage and preservation methods, such as cryopreservation, freeze-drying, and automated sample handling, contribute to market expansion by enhancing sample integrity, stability, and long-term storage capacity. Moreover, regulatory initiatives and ethical guidelines governing biobanking practices, sample consent, and data protection drive market adoption of DNA and RNA banking services by ensuring compliance with standards for sample quality, privacy, and informed consent.

DNA and RNA Banking Services 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 DNA and RNA Banking Services market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of DNA and RNA Banking Services 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 DNA and RNA Banking Services industry.

Key market trends defining the global DNA and RNA Banking Services 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.

DNA and RNA Banking Services Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The DNA and RNA Banking Services 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 DNA and RNA Banking Services companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the DNA and RNA Banking Services industry

Leading DNA and RNA Banking Services 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 DNA and RNA Banking Services companies.

DNA and RNA Banking Services Market Study- Strategic Analysis Review

The DNA and RNA Banking Services 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.

DNA and RNA Banking Services Market Size Outlook- Historic and Forecast Revenue in Three Cases

The DNA and RNA Banking Services 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

DNA and RNA Banking Services Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

North America DNA and RNA Banking Services 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various DNA and RNA Banking Services market segments. Similarly, Strong end-user demand is encouraging Canadian DNA and RNA Banking Services companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico DNA and RNA Banking Services market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe DNA and RNA Banking Services Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European DNA and RNA Banking Services 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 businesses in identifying and leveraging new growth prospects positions the European DNA and RNA Banking Services 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 DNA and RNA Banking Services 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 DNA and RNA Banking Services in Asia Pacific. In particular, China, India, and South East Asian DNA and RNA Banking Services markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

Latin America DNA and RNA Banking Services 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 DNA and RNA Banking Services 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 DNA and RNA Banking Services market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for DNA and RNA Banking Services.

DNA and RNA Banking Services Market Company Profiles

The global DNA and RNA Banking Services 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 23andMe Inc, Brooks Life Sciences, deCODE genetics, DNA Genotek Inc, EasyDNA, GoodCell,

Infinity Biologix, LGC Biosearch Technologies, PreventionGenetics, ProteoGenex, Thermo Fisher Scientific Inc, US Biolab Corp Inc

Recent DNA and RNA Banking Services Market Developments

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

DNA and RNA Banking Services Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Type

DNA and RNA Banking Services Market Size, Trends, Analysis, and Outlook By Type (Transportation Service, Proce...

Transportation Service

Processing Service

Storage Service

Quality Control Service

Data Storage

Others

By Specimen Type

Blood

Buccal Swabs & Hair Follicles

Others

By Application

Therapeutics

Drug Discovery & Clinical Research

Clinical Diagnostics

Others

By End-User

Academic Research

Pharmaceutical & Biotechnology Companies

Hospitals & Diagnostic Centers

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

23andMe Inc

Brooks Life Sciences

deCODE genetics

DNA Genotek Inc

EasyDNA

GoodCell

Infinity Biologix

LGC Biosearch Technologies

PreventionGenetics

ProteoGenex

Thermo Fisher Scientific Inc

US Biolab Corp Inc

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Processing Service

Storage Service

Quality Control Service

Data Storage

Others

By Specimen Type

Blood

Buccal Swabs & Hair Follicles

Others

By Application

Therapeutics

Drug Discovery & Clinical Research

Clinical Diagnostics

Others

By End-User

Academic Research

Pharmaceutical & Biotechnology Companies

Hospitals & Diagnostic Centers

Others

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23ANDME INC

Brooks Life Sciences
deCODE genetics

DNA Genotek Inc
EasyDNA
GoodCell
Infinity Biologix
LGC Biosearch Technologies
PreventionGenetics
ProteoGenex
Thermo Fisher Scientific Inc
US Biolab Corp Inc

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