

Global Nucleic Acid Extraction Instruments And Reagents Market Growth Overview For 2024-2033

The Business Research Company has updated its global market reports with latest data for 2024 and projections up to 2033

LONDON, GREATER LONDON , UK, June 28, 2024 /EINPresswire.com/ -- The global nucleic acid extraction instruments and reagents market, essential in molecular biology and diagnostic laboratories, is experiencing

rapid expansion. The market size is projected to increase from \$4.22 billion in 2023 to \$4.68 billion in 2024, achieving a compound annual growth rate (CAGR) of 10.9%. This growth is driven by advancements in genomic research, expanded clinical diagnostics, the rise of next-generation sequencing, increasing prevalence of genetic disorders, and global focus on infectious disease research.



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Rapid Growth Factors in the Forecast Period

The market is expected to accelerate further, reaching \$7 billion by 2028 at a CAGR of 10.6%. Key drivers include the expansion of personalized medicine, growth in point-of-care testing, heightened focus on rare diseases, and advancements in cancer research. Major trends in this

period include applications in agricultural biotechnology, automation innovations, the biotechnology boom, environmental DNA (eDNA) analysis, and the adoption of blockchain for genomic data security.

Explore the global nucleic acid extraction instruments and reagents market with a detailed sample report:

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Impact of Chronic Diseases on Market Growth



The prevalence of chronic diseases, characterized by long-term medical conditions, is a significant catalyst for market growth. Nucleic acid extraction instruments and reagents play a crucial role in molecular diagnostics and research for chronic diseases. These tools enable genetic testing, biomarker analysis, pharmacogenomic testing, and disease monitoring, contributing to enhanced understanding and management of chronic conditions.

[Nucleic Acid Extraction Instruments And Reagents Market Key Players](#) and Innovations
Major companies driving innovation in the market include Thermo Fisher Scientific Inc., Hoffmann-La Roche Ltd., Merck Group, and others. Promega Corporation, for instance, introduced XpressAmp Direct Amplification Reagents in March 2021, facilitating RNA extraction-free sample preparation for faster and more accurate viral infection detection.

[Nucleic Acid Extraction Instruments And Reagents Market Segmentation](#)

1. Types:

- Instruments
- Spin Columns
- Beads or Magnetic Beads
- Automated Nucleic Acid Extraction Systems
- Extraction Kits and Reagents
- Other Types

2. Extraction Types:

- DNA Extraction
- DNA or RNA Extraction
- RNA Extraction

3. Methods:

- Solution-Based Methods
- Solid-Phase-Based Methods

4. End Users:

- Academic Research Institutes
- Hospitals and Diagnostic Centers
- Pharmaceutical and Biotechnology Industry
- Contract Research Organizations (CROs)
- Other End Users

Regional Insights

North America led the nucleic acid extraction instruments and reagents market in 2023, with significant contributions from Asia-Pacific, Western Europe, Eastern Europe, South America, Middle East, and Africa. Asia-Pacific is expected to emerge as the fastest-growing region due to increasing research activities and healthcare infrastructure development.

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Nucleic Acid Extraction Instruments And Reagents Global Market Report 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Nucleic Acid Extraction Instruments And Reagents Global Market Report 2024 by [The Business Research Company](#) is the most comprehensive report that provides insights on nucleic acid extraction instruments and reagents market size, nucleic acid extraction instruments and reagents market drivers and trends, nucleic acid extraction instruments and reagents market major players, competitors' revenues, market positioning, and market growth across geographies. The nucleic acid extraction instruments and reagents market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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The Business Research Company has published over 27 industries, spanning over 8000+ markets and 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

Contact Information

The Business Research Company

Europe: +44 207 1930 708

Asia: +91 8897263534

Americas: +1 315 623 0293

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

info@tbrc.info

Visit us on social media:

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