

Europe DNA/RNA Sample Extraction and Isolation Market: Analysis and Forecast, 2023-2033

<https://marketpublishers.com/r/E736B713F46FEN.html>

Date: April 2024

Pages: 79

Price: US\$ 2,950.00 (Single User License)

ID: E736B713F46FEN

Abstracts

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Introduction to Europe DNA/RNA Sample Extraction and Isolation Market

The Europe DNA/RNA sample extraction and isolation market was valued at \$629.0 million in 2023 and is expected to reach \$1,236.2 million by 2033, growing at a CAGR of 6.99% between 2023 and 2033. This expansion can be ascribed to rising demand for genetic analysis in research, clinical diagnostics, and forensic applications, as well as increased adoption of new technologies and disease prevalence. The market includes a variety of methods, reagents, instruments, and services for extracting and isolating high-quality nucleic acids from biological specimens.

Market Introduction

The DNA/RNA sample extraction and isolation market in Europe is expanding rapidly, owing to a variety of factors. With rising demand for genomic analysis in research, clinical diagnostics, and forensic applications, as well as the adoption of new technologies and illness prevalence, the market is expanding rapidly.

The Europe DNA/RNA sample extraction and isolation market includes a diverse set of technologies, reagents, instruments, and services for extracting and isolating high-quality nucleic acid samples from biological material. These approaches include column-based purification, magnetic bead-based extraction, and automated liquid handling systems, among others.

The region's advanced healthcare infrastructure, combined with substantial R&D activity, fuels market expansion. Furthermore, strong regulatory frameworks and quality standards assure the consistency and precision of DNA/RNA sample extraction and isolation techniques.

Furthermore, increased investments in genetic research and personalized treatment initiatives help to drive market growth. The increasing frequency of genetic illnesses, as well as the need for precise diagnostics and tailored therapies, are driving the use of DNA/RNA sample extraction and isolation technologies throughout Europe.

Overall, the Europe DNA/RNA sample extraction and isolation market offers considerable possibilities for industry players to capitalize on the region's growing need for high-quality nucleic acid analysis solutions in a variety of industries, such as healthcare, research, and forensic sciences.

Market Segmentation:

Segmentation 1: by Product

Consumables

Kits

DNA Kits

RNA Kits

Reagents

Instruments

Segmentation 2: by Country

U.K.

Germany

France

Italy

Spain

Netherlands

Rest-of-Europe

How can this report add value to an organization?

Workflow/Innovation Strategy: The Europe DNA/RNA sample extraction and isolation market (by product) has been segmented into detailed segments of products, including different types of DNA and RNA kits, which are also bifurcated into the sample types of kits.

Growth/Marketing Strategy: DNA/RNA sample extraction and isolation process is being used for extracting and isolating DNA/RNA from different sample types, which are further used for many downstream applications such as cloning, PCR, NGS, and microarray, among others. Various companies are providing products to aid in the process of isolating DNA/RNA.

Competitive Strategy: Key players in the Europe DNA/RNA sample extraction and isolation market have been analyzed and profiled in the study, including manufacturers involved in new product launches, acquisitions, expansions, and strategic collaborations. Moreover, a detailed competitive benchmarking of the players operating in the Europe DNA/RNA sample extraction and isolation market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

Key Market Players and Competition Synopsis

The companies profiled have been selected based on inputs gathered from primary experts and analyzing company coverage, product portfolio, and market penetration.

Some prominent names established in this market are:

F. Hoffmann-La Roche Ltd

MACHEREY-NAGEL GmbH & Co. KG

Merck KGaA

QIAGEN N.V.

Tecan Group

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