

RNA Sequencing Analysis Market - Global Outlook and Forecast 2022-2028

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Abstracts

RNA sequencing (RNA-Seq) uses the capabilities of high-throughput sequencing methods to provide insight into the transcriptome of a cell. Compared to previous Sanger sequencing- and microarray-based methods, RNA-Seq provides far higher coverage and greater resolution of the dynamic nature of the transcriptome. Beyond quantifying gene expression, the data generated by RNA-Seq facilitate the discovery of novel transcripts, identification of alternatively spliced genes, and detection of allele-specific expression. Recent advances in the RNA-Seq workflow, from sample preparation to library construction to data analysis, have enabled researchers to further elucidate the functional complexity of the transcription. In addition to polyadenylated messenger RNA (mRNA) transcripts, RNA-Seq can be applied to investigate different populations of RNA, including total RNA, pre-mRNA, and noncoding RNA, such as microRNA and long ncRNA.

This report contains market size and forecasts of RNA Sequencing Analysis in Global, including the following market information:

Global RNA Sequencing Analysis Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global RNA Sequencing Analysis market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Total RNA Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of RNA Sequencing Analysis include Illumina, Thermo Fisher Scientific, Bio-Rad, Roche, Pacific Biosciences, Agilent Technologies and QIAGEN, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the RNA Sequencing Analysis companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global RNA Sequencing Analysis Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global RNA Sequencing Analysis Market Segment Percentages, by Type, 2021 (%)

Total RNA

Pre-mRNA

Noncoding RNA

Global RNA Sequencing Analysis Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global RNA Sequencing Analysis Market Segment Percentages, by Application, 2021 (%)

Research Institutions

Bioscience Companies

Others

Global RNA Sequencing Analysis Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions)

Global RNA Sequencing Analysis Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies RNA Sequencing Analysis revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies RNA Sequencing Analysis revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Illumina

Thermo Fisher Scientific

Bio-Rad

Roche

Pacific Biosciences

Agilent Technologies

QIAGEN

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