

Global CRISPR Technology Market 2022-2028

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Abstracts

CRISPR stands for Clustered Regularly Interspaced Short Palindromic Repeats. It is a component of bacterial immune systems that can cut DNA, and has been repurposed as a gene editing tool. CRISPR is important because it allows scientists to rewrite the genetic code in almost any organism. It is simpler, cheaper, and more precise than previous gene editing techniques. Moreover, it has a range of real-world applications, including curing genetic disease and creating drought-resistant crops. According to market research study published by Gen Consulting Company, the global CRISPR technology market stood at around USD 1,337 million in 2021 and is projected to rise to a worth of USD 7,008 million by 2028 end, thereby garnering a CAGR of 26.7% during 2022-2028.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global CRISPR technology market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the CRISPR technology industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, application, end user, and region. The global market for CRISPR technology can be segmented by product: CRISPR products, CRISPR services. The CRISPR products segment is estimated to account for the largest share of the global CRISPR technology market. CRISPR technology market is further segmented by application: agricultural, biomedical, others. The biomedical segment held the largest revenue share in 2021. Based on end user, the CRISPR technology market is segmented into: academic institutes and research centers, contract research organizations (CROs), pharmaceutical companies, biotechnology companies. On the basis of region, the CRISPR technology market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By product:

CRISPR products

CRISPR services

By application:

agricultural

biomedical

others

By end user:

academic institutes and research centers

contract research organizations (CROs)

pharmaceutical companies

biotechnology companies

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The CRISPR products market is further segmented into kits and enzymes, libraries, design tools, antibodies, others. Furthermore, the CRISPR services market has been categorized into gRNA design and vector construction, screening services, cell line engineering, others. The biomedical market is further divided into gene therapy, drug discovery, diagnostics.

The report has also analysed the competitive landscape of the global CRISPR technology market with some of the key players being Abcam, Inc., Agilent Technologies, Inc., Caribou Biosciences, Inc., Collecta, Inc., CRISPR Therapeutics AG, Editas Medicine, Inc., GeneCopoeia, Inc., GenScript Biotech Corporation, Horizon Discovery Ltd., Integrated DNA Technologies, Inc. (Danaher Corporation), Intellia Therapeutics, Inc., Lonza Group Ltd., Merck KGaA, New England Biolabs GmbH, OriGene Technologies Inc., Precision BioSciences, Inc., Synthego Corporation, Thermo Fisher Scientific Inc., ToolGen, Inc., Transposagen Biopharmaceuticals Inc., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global CRISPR technology market.

To classify and forecast the global CRISPR technology market based on product, application, end user, region.

To identify drivers and challenges for the global CRISPR technology market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global CRISPR technology market.

To identify and analyze the profile of leading players operating in the global CRISPR technology market.

Why Choose This Report

Gain a reliable outlook of the global CRISPR technology market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Others

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Contract research organizations (CROs)
Pharmaceutical companies
Biotechnology companies

PART 8. MARKET BREAKDOWN BY REGION

Asia Pacific

Europe

North America

Rest of the World (RoW)

PART 9. KEY COMPANIES

Abcam, Inc.

Agilent Technologies, Inc.

Caribou Biosciences, Inc.

Cellecta, Inc.

CRISPR Therapeutics AG

Editas Medicine, Inc.

GeneCopoeia, Inc.

GenScript Biotech Corporation

Horizon Discovery Ltd.

Integrated DNA Technologies, Inc. (Danaher Corporation)

Intellia Therapeutics, Inc.

Lonza Group Ltd.

Merck KGaA

New England Biolabs GmbH

OriGene Technologies Inc.

Precision BioSciences, Inc.

Synthego Corporation

Thermo Fisher Scientific Inc.

ToolGen, Inc.

Transposagen Biopharmaceuticals Inc.

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