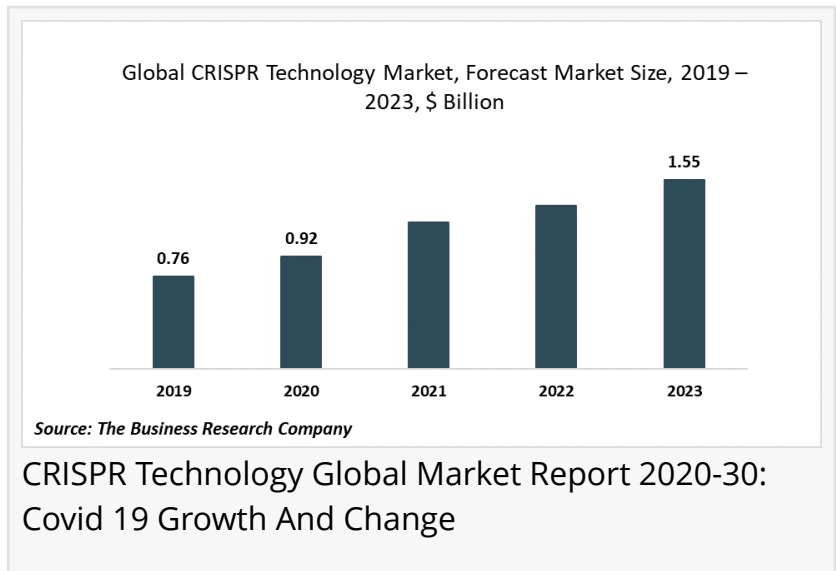


Global CRISPR Technology Market Size Is Seeing Exponential Growth Due To Research On Drugs For COVID19 With Gene-Editing

The Business Research Company's CRISPR Technology Global Market Report 2020-30: Covid 19 Growth And Change

LONDON, GREATER LONDON, UK, August 5, 2020 /EINPresswire.com/ -- The global CRISPR technology market size is expected to increase from \$0.76 billion in 2019 to \$0.92 billion in 2020 at a compound annual growth rate (CAGR) of 20.91%. The exponential growth is mainly due to the COVID-19 outbreak that has led to research on drugs for COVID-19 with gene-editing using CRISPR technology. The CRISPR technology market size is expected to reach \$1.55 billion in 2023 at a CAGR of 19.13%.



The application of CRISPR technology as a diagnostic tool is expected to boost CRISPR technology market growth during the period. The Sherlock CRISPR SARS-CoV-2 kit is the first diagnostic kit based on CRISPR technology for infectious diseases caused due to COVID-19. In May 2020, the US FDA (Food and Drug Administration) announced emergency use authorization of Sherlock BioSciences Inc.'s Sherlock CRISPR SARS-CoV-2 kit, which is a CRISPR-based SHERLOCK (Specific High-sensitivity Enzymatic Reporter unLOCKing) diagnostic test. This test helps in specifically targeting RNA or DNA sequences of the SARS-CoV-2 virus from specimens or samples such as nasal swabs from the upper respiratory tract, and fluid in the lungs from bronchoalveolar lavage specimens. This diagnostic kit has high specificity and sensitivity and does not provide false negative or positive results. Widening the application of CRISPR technology for the diagnosis of infectious diseases will further increase the demand for CRISPR technology products and services and drive the [CRISPR market 2020](#).

Several advancements in CRISPR technology are trending in the market. Advancements in technology will help in reducing errors, limiting unintended effects, improving the accuracy of the tool, widening its applications, developing gene therapies, and more. In 2019, a study

published in Springer Nature stated the development of an advanced super-precise new CRISPR tool that allows researchers more control over DNA changes. This tool seems to have the capability of providing a wider variety of gene edits which might potentially open up conditions that have challenged gene-editors. Also, in 2020, another study in Springer Nature stated that researchers have used enzyme engineering to boost the accuracy of the technique of error-prone CRISPR-Cas9 system, to precisely target DNA without introducing as many unwanted mutations. The advancements in CRISPR technology will result in better tools that are capable of providing better outcomes.

The [CRISPR technology market share](#) consists of sales of CRISPR technology products and services, which is a gene-editing technology that allows researchers to alter DNA sequences and modify gene function. The revenue generated by the market includes the sales of products such as design tools, plasmid & vector, Cas9 & gRNA, and libraries & delivery system products and services that include design & vector construction, screening and cell line engineering. These products and services are used in genome editing/genetic engineering, genetically modifying organisms, agricultural biotechnology and others, which include gRNA database/gene library, CRISPR plasmid, and human stem cell & cell line engineering by end-users. The end-users include pharmaceutical & biopharmaceutical companies, biotechnology companies, academic & research institutes and contract research organizations.

Here Is A List Of Similar Reports From The Business Research Company

Gene Editing Global Market Report 2020

<https://www.thebusinessresearchcompany.com/report/gene-editing-global-market-report>

Sequencing Market By Type (Next Generation Sequencing, Third Generation Sequencing And Sanger Sequencing), By Products (Consumables, Software, Sequencing Services And Instruments), By Regions And By Trends – Global Forecast To 2023

<https://www.thebusinessresearchcompany.com/report/sequencing-market>

Nucleic Acid Based Gene Therapy Market Global Report 2020

<https://www.thebusinessresearchcompany.com/report/nucleic-acid-based-gene-therapy-market-global-report>

Interested to know more about [The Business Research Company?](#)

The Business Research Company is a market intelligence firm that excels in company, market, and consumer research. Located globally it has specialist consultants in a wide range of industries including manufacturing, healthcare, financial services, chemicals, and technology.

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/523297811>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2020 IPD Group, Inc. All Right Reserved.