

Gene Synthesis Service Market, Global Outlook and Forecast 2022-2028

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Abstracts

Gene synthesis refers to chemically synthesizing a strand of DNA base-by-base. Unlike DNA replication that occurs in cells or by Polymerase Chain Reaction (PCR), gene synthesis does not require a template strand. Rather, gene synthesis involves the step-wise addition of nucleotides to a single-stranded molecule, which then serves as a template for creation of a complementary strand. Gene synthesis is the fundamental technology upon which the field of synthetic biology has been built.

This report contains market size and forecasts of Gene Synthesis Service in Global, including the following market information:

Global Gene Synthesis Service Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Gene Synthesis Service market was valued at 162.5 million in 2021 and is projected to reach US\$ 475.8 million by 2028, at a CAGR of 16.6% during the forecast period.

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

Below 1000 bp Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Gene Synthesis Service include Genescript, GeneArt (ThermoFisher), IDT, Eurofins Genomics, DNA 2.0 (ATUM), BBI, Genewiz, Gene Oracle and SBS Genetech, etc. In 2021, the global top five players have a share

approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Gene Synthesis Service 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 Gene Synthesis Service Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Gene Synthesis Service Market Segment Percentages, by Type, 2021 (%)

Below 1000 bp

1001 to 3000 bp

3001 to 5000 bp

Above 5000 bp

Global Gene Synthesis Service Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Gene Synthesis Service Market Segment Percentages, by Application, 2021 (%)

Commercial

Academic Research

Global Gene Synthesis Service Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Gene Synthesis Service 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 Gene Synthesis Service revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies Gene Synthesis Service revenues share in global market, 2021 (%)

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

Genescript

GeneArt (Thermofischer)

IDT

Eurofins Genomics

DNA 2.0 (ATUM)

BBI

Genewiz

Gene Oracle

SBS Genetech

Bio Basic

Twist Bioscience

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