

Global DNA Gene Chip Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

DNA gene chips or DNA microarrays are tiny chips that are engrafted with DNA molecules. A DNA gene chip size resembles the size of a postage stamp. A DNA microarray consists of a set of microscopic DNA spots attached on a solid surface. Every DNA spot consists of picomoles of a definite DNA sequence, known as probes. These probes can be a small section of a gene or a DNA element that are used to hybridize a cRNA or cDNA sample (called target) under stringent conditions. These powerful and versatile arrays are frequently used in genetic and medicinal research owing to their ability to speed up the research process.

SCOPE OF THE REPORT:

This report studies the DNA Gene Chip market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the DNA Gene Chip market by product type and applications/end industries.

North America is the largest DNA gene chip market owing to favorable government policies and increase in incentives along with technological advancement in DNA gene chip. Europe is the second largest market for DNA gene chip due to growing prevalence of cancer, increasing government initiatives, and rising demand for early detection and diagnosis of cancer.

The global DNA Gene Chip market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of DNA Gene Chip.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Illumina, Inc.

Agilent Technologies, Inc.

Roche Nimblegen

Sequenom Inc.

Applied Microarrays

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

CDNA (complementary DNA)

ODNA (oligonucleotide DNA)

Market Segment by Applications, can be divided into

Gene Expression

Cancer Diagnostics & Treatments

Drug Discovery

Genetics

Other

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