

Global DNA Methylation Market Growth (Status and Outlook) 2023-2029

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Abstracts

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DNA methylation is an epigenetic mechanism that occurs by the addition of a methyl (CH₃) group to DNA, thereby often modifying the function of the genes and affecting gene expression. The most widely characterized DNA methylation process is the covalent addition of the methyl group at the 5-carbon of the cytosine ring resulting in 5-methylcytosine (5-mC), also informally known as the “fifth base” of DNA. These methyl groups project into the major groove of DNA and inhibit transcription.

According to this study, the global DNA Methylation market size will reach US\$ million by 2029.

This report presents a comprehensive overview, market shares, and growth opportunities of DNA Methylation market by product type, application, key players and key regions and countries.

Segmentation by product type:

Consumables

Instruments

Software Tools

Segmentation by Application:

Pharmaceutical and Biotechnology Companies

Research and Academic Institutions

Contract Research Organizations (CROs)

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Abcam plc

Agilent Technologies, Inc.

Bio-Rad Laboratories, Inc.

Exact Sciences Corporation

F. Hoffmann-La Roche Ltd.

Illumina, Inc.

Merck Group

Pacific Biosciences of California, Inc.

PerkinElmer, Inc.

QIAGEN N.V.

Thermo Fisher Scientific Inc.

Active Motif, Inc.

Diagenode Diagnostics SA

EpiGentek Group Inc.

New England Biolabs, Inc.

Zymo Research Corporation

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