

Nucleotide Market Size, Share & Trends Analysis Report By Product (Deoxy Nucleotides), By Technology (TaqMan Allelic Discrimination, Gene Chips & Microarrays), By Application, By Region, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/N22B0FB289ACEN.html>

Date: February 2025

Pages: 120

Price: US\$ 5,950.00 (Single User License)

ID: N22B0FB289ACEN

Abstracts

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Nucleotide Market Growth & Trends

The global nucleotide market size is expected to reach USD 1.52 billion by 2030, registering a CAGR of 8.6% from 2025 to 2030, according to a new report by Grand View Research, Inc. The global nucleotide market is expected to witness substantial growth over the forecast period owing to its widespread use in pharmaceuticals and food & beverage industries. Diagnostic research along with pharmaceutical applications dominated the nucleotide market owing to properties including enhanced immunity, positive effects on the intestines, and positive effects of recovery from stress. In addition, growing R&D in the field of dietary nucleotide coupled with yeast-derived nucleotide for livestock nutrition across the globe is expected to propel demand over the forecast period.

Nucleotide Market Report Highlights

The TaqMan allelic discrimination segment dominated the global market in 2024, followed by SNP by pyrosequencing

The diagnostics research segment dominated the global market for nucleotides in 2024

The deoxy nucleotides (dNTPs) segment dominated the global

nucleotide market in 2024 with a revenue share of 48.4% and is furthermore likely to expand with the fastest CAGR over the forecast period

North America nucleotide market secured the largest market share of 38.9% in 2024 and Europe nucleotide market is set to expand at the fastest-growing CAGR of 8.4% from 2025 to 2030

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