

# Global Molecular Diagnostic Chip Market Growth 2025-2031

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## Abstracts

The global Molecular Diagnostic Chip market size is predicted to grow from US\$ 7578 million in 2025 to US\$ 10387 million in 2031; it is expected to grow at a CAGR of 5.4% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Molecular diagnostic chips are miniature laboratory platforms designed for the rapid and accurate detection of genetic and nucleic acid biomarkers, widely used in early disease diagnosis, personalized therapy, and infectious disease detection.

United States market for Molecular Diagnostic Chip is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Molecular Diagnostic Chip is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Molecular Diagnostic Chip is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Molecular Diagnostic Chip players cover Thermo Fisher Scientific, Roche Diagnostics, Illumina, Agilent Technologies, Bio-Rad Laboratories, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Molecular Diagnostic Chip

Industry Forecast” looks at past sales and reviews total world Molecular Diagnostic Chip sales in 2024, providing a comprehensive analysis by region and market sector of projected Molecular Diagnostic Chip sales for 2025 through 2031. With Molecular Diagnostic Chip sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Molecular Diagnostic Chip industry.

This Insight Report provides a comprehensive analysis of the global Molecular Diagnostic Chip landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Molecular Diagnostic Chip portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Molecular Diagnostic Chip market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Molecular Diagnostic Chip and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Molecular Diagnostic Chip.

This report presents a comprehensive overview, market shares, and growth opportunities of Molecular Diagnostic Chip market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

- Gene Expression Analysis Chips
- SNP Genotyping Chips
- Pathogen Detection Chips
- Cancer Molecular Diagnostic Chips
- Others

Segmentation by Application:

Early Cancer Screening and Diagnosis

Infectious Disease Detection

Genetic Disease Screening

Personalized Medication Guidance

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Thermo Fisher Scientific

Roche Diagnostics

Illumina

Agilent Technologies

Bio-Rad Laboratories

Siemens Healthineers

Qiagen

Abbott Laboratories

GE Healthcare

PerkinElmer

Sysmex Corporation

bioMérieux

Becton, Dickinson and Company

Merck KGaA

Nanosphere Inc.

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Molecular Diagnostic Chip market?

What factors are driving Molecular Diagnostic Chip market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Molecular Diagnostic Chip market opportunities vary by end market size?

How does Molecular Diagnostic Chip break out by Type, by Application?

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