

# **Antimicrobial Susceptibility Testing Market Size, Trends, Analysis, and Outlook By Product (Manual, Automated Laboratory Instruments, Culture and Growth Media, Consumables), By Type (Antibacterial, Antifungal, Antiparasitic, Others), By Method (E-TEST, Disk Diffusion, Automated Susceptibility testing instruments, Agar Diffusion, Genotyping), By Application (Clinical Diagnostics, Drug Discovery and development, Epidemiology, Others), By End-User (Hospitals and Diagnostic centers, Pharmaceutical and Biotechnology Companies, Research & Academic Institutes, Clinical Research Organizations), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Antimicrobial Susceptibility Testing market size is poised to register 6.3% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Antimicrobial Susceptibility Testing market across By Product (Manual, Automated Laboratory Instruments, Culture and Growth Media, Consumables), By Type (Antibacterial, Antifungal, Antiparasitic, Others), By Method (E-TEST, Disk Diffusion, Automated Susceptibility testing instruments, Agar Diffusion, Genotyping), By Application (Clinical Diagnostics, Drug Discovery and development, Epidemiology, Others), By End-User (Hospitals and Diagnostic centers, Pharmaceutical and Biotechnology Companies, Research & Academic Institutes, Clinical Research Organizations)

The antimicrobial susceptibility testing market is driven by the increasing prevalence of drug-resistant infections, advancements in diagnostic technologies, and the need for personalized antibiotic therapy. By 2030, the market is expected to witness significant growth, fueled by innovations in automated susceptibility testing systems, molecular diagnostics, and rapid point-of-care tests. Further, expanding applications in clinical microbiology laboratories, infection control programs, and antibiotic stewardship initiatives are anticipated to drive market expansion, enabling timely antibiotic selection, dose optimization, and treatment monitoring for patients with bacterial infections.

### Antimicrobial Susceptibility Testing Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Antimicrobial Susceptibility Testing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Antimicrobial Susceptibility Testing survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Antimicrobial Susceptibility Testing industry.

### Key market trends defining the global Antimicrobial Susceptibility Testing demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Antimicrobial Susceptibility Testing Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Antimicrobial Susceptibility Testing industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Antimicrobial Susceptibility Testing companies scaling up production in these sub-segments with a focus on expanding into emerging

countries.

Key strategies adopted by companies within the Antimicrobial Susceptibility Testing industry

Leading Antimicrobial Susceptibility Testing companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Antimicrobial Susceptibility Testing companies.

Antimicrobial Susceptibility Testing Market Study- Strategic Analysis Review

The Antimicrobial Susceptibility Testing market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Antimicrobial Susceptibility Testing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Antimicrobial Susceptibility Testing industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

## Antimicrobial Susceptibility Testing Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

### North America Antimicrobial Susceptibility Testing Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Antimicrobial Susceptibility Testing market segments. Similarly, Strong market demand is encouraging Canadian Antimicrobial Susceptibility Testing companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Antimicrobial Susceptibility Testing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

### Europe Antimicrobial Susceptibility Testing Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Antimicrobial Susceptibility Testing industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Antimicrobial Susceptibility Testing market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

### Asia Pacific Antimicrobial Susceptibility Testing Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Antimicrobial Susceptibility Testing in Asia Pacific. In particular, China, India, and South East Asian Antimicrobial Susceptibility Testing markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Antimicrobial Susceptibility Testing Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Antimicrobial Susceptibility Testing Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Antimicrobial Susceptibility Testing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Antimicrobial Susceptibility Testing.

Antimicrobial Susceptibility Testing Market Company Profiles

The global Antimicrobial Susceptibility Testing market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Accelerate Diagnostics Inc, Alifax S.r.l., Becton, Dickinson and Company, Bioanalyse GmbH, bioMérieux SA, Bio-Rad Laboratories Inc, Bruker Corp, Creative Diagnostics, Danaher Corp, F. Hoffmann-La Roche Ltd, HiMedia Laboratories Pvt. Ltd, Liofilchem S.r.l., Merck KGaA, Synbiosis, Thermo Fisher Scientific Inc.

## Recent Antimicrobial Susceptibility Testing Market Developments

The global Antimicrobial Susceptibility Testing market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Antimicrobial Susceptibility Testing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

By Product

Manual

*Antimicrobial Susceptibility Testing Market Size, Trends, Analysis, and Outlook By Product (Manual, Automated...*

-Susceptibility Testing Disks

-Mic Strips

-Susceptibility Plates

Automated Laboratory Instruments

Culture and Growth Media

Consumables

By Type

Antibacterial

Antifungal

Antiparasitic

Others

By Method

ETEST

Disk Diffusion

Automated Susceptibility testing instruments

Agar Diffusion

Genotyping

By Application

Clinical Diagnostics

Drug Discovery and development

Epidemiology

Others

By End-User

Hospitals and Diagnostic centers

Pharmaceutical and Biotechnology Companies

Research & Academic Institutes

Clinical Research Organizations

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Accelerate Diagnostics Inc

Alifax S.r.l.

Becton, Dickinson and Company

Bioanalyse GmbH



bioMérieux SA

Bio-Rad Laboratories Inc

Bruker Corp

Creative Diagnostics

Danaher Corp

F. Hoffmann-La Roche Ltd

HiMedia Laboratories Pvt. Ltd

Liofilchem S.r.l.

Merck KGaA

Synbiosis

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

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By Product

Manual

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-Mic Strips

-Susceptibility Plates

Automated Laboratory Instruments

Culture and Growth Media

Consumables

By Type

Antibacterial

Antifungal

Antiparasitic

Others

By Method

E-TEST

Disk Diffusion

Automated Susceptibility testing instruments

Agar Diffusion

Genotyping

By Application

Clinical Diagnostics

Drug Discovery and development

Epidemiology

Others

By End-User

Hospitals and Diagnostic centers

Pharmaceutical and Biotechnology Companies

Research & Academic Institutes

Clinical Research Organizations

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Alifax S.r.l.

Becton, Dickinson and Company

Bioanalyse GmbH

bioMérieux SA

Bio-Rad Laboratories Inc

Bruker Corp

Creative Diagnostics

Danaher Corp

F. Hoffmann-La Roche Ltd

HiMedia Laboratories Pvt. Ltd

Liofilchem S.r.l.

Merck KGaA

Synbiosis

Thermo Fisher Scientific Inc.

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