

# **Food Pathogen Testing Market Size, Trends, Analysis, and Outlook By Type (System, Test kits, Consumables, Others), By Pathogen Testing, Salmonella SPP, E. Coli, Listeria SPP, Listeria, Vibrio SPP, Campylobacter, Others), By Site (In-house/internal lab, Outsourcing facility), By Application (Meat And Poultry Products, Dairy Products, Processed Food, Plant-Based Meat and Meat Alternatives, Confectionary, Herbal Extracts and Herbs, Edible Oils, CBD Products, Honey, Spices), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Food Pathogen Testing market size is poised to register 7.57% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Food Pathogen Testing market By Type (System, Test kits, Consumables, Others), By Pathogen Testing, Salmonella SPP, E. Coli, Listeria SPP, Listeria, Vibrio SPP, Campylobacter, Others), By Site (In-house/internal lab, Outsourcing facility), By Application (Meat And Poultry Products, Dairy Products, Processed Food, Plant-Based Meat and Meat Alternatives, Confectionary, Herbal Extracts and Herbs, Edible Oils, CBD Products, Honey, Spices).

The future of food pathogen testing is driven by advancements in rapid detection methods, automation, and data analytics, facilitating quicker and more accurate identification of harmful microorganisms in food products. With foodborne illnesses posing significant public health risks and economic burdens, there is a growing demand

for testing solutions that can efficiently detect pathogens such as Salmonella, E. coli, and Listeria in various food matrices. Key trends include the development of molecular diagnostic techniques such as PCR and next-generation sequencing, which offer higher sensitivity and specificity compared to traditional culture-based methods. Additionally, there is a focus on integrating testing platforms with cloud-based software for real-time data analysis, traceability, and risk management along the food supply chain. Moreover, there is ongoing research into biosensors, nanotechnology, and microfluidics for the development of portable, user-friendly testing devices that can be deployed in food processing facilities, distribution centers, and retail establishments, enhancing food safety practices and regulatory compliance..

## Food Pathogen 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 Food Pathogen Testing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Food Pathogen 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 Food Pathogen Testing industry.

## Key market trends defining the global Food Pathogen 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.

## Food Pathogen Testing Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Food Pathogen 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 Food Pathogen Testing companies scaling up production in

these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Food Pathogen Testing industry

Leading Food Pathogen 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 Food Pathogen Testing companies.

Food Pathogen Testing Market Study- Strategic Analysis Review

The Food Pathogen 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.

Food Pathogen Testing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Food Pathogen 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 2030 in three case scenarios- low case, reference case, and high case scenarios.

Food Pathogen Testing Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. 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 2030.

**North America Food Pathogen 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 end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Food Pathogen Testing market segments. Similarly, Strong end-user demand is encouraging Canadian Food Pathogen Testing companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Food Pathogen Testing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Food Pathogen 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 Food Pathogen 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 businesses in identifying and leveraging new growth prospects positions the European Food Pathogen 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 Food Pathogen 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 Food Pathogen Testing in Asia Pacific. In particular, China, India, and South East Asian Food Pathogen Testing

markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers 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 markets in the region.

**Latin America Food Pathogen 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 Food Pathogen 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 Food Pathogen Testing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Food Pathogen Testing.

**Food Pathogen Testing Market Company Profiles**

The global Food Pathogen 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 3M, Agilent Technologies Inc, bioMérieux SA, FOSS, Neogen Corp, Omega Diagnostics Group PLC and Romer Labs Division Holding GmbH, PerkinElmer Inc, Randox Food Diagnostics, Ring Biotechnology Co Ltd, Shimadzu Corp, Thermo Fisher Scientific Inc.

**Recent Food Pathogen Testing Market Developments**

The global Food Pathogen Testing market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions,

product approvals, and other updates in the industry.

Food Pathogen Testing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (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 Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

3M

Agilent Technologies Inc

bioMérieux SA

FOSS

Neogen Corp

Omega Diagnostics Group PLC and Romer Labs Division Holding GmbH

PerkinElmer Inc

Randox Food Diagnostics

Ring Biotechnology Co Ltd

Shimadzu Corp



Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

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Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

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bioMérieux SA  
FOSS  
Neogen Corp  
Omega Diagnostics Group PLC and Romer Labs Division Holding GmbH  
PerkinElmer Inc  
Randox Food Diagnostics  
Ring Biotechnology Co Ltd  
Shimadzu Corp

Thermo Fisher Scientific Inc

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