



Food Diagnostics Market Growth, Size, Share, Demand, Trends and Forecasts to 2028

The global Food Diagnostics Market size is expected to record a CAGR of 7.7% from 2023 to 2028. In 2022, the market size is projected to reach a valuation of USD 15.2 Billion. By 2028, the valuation is anticipated to reach USD 23.5 Billion.

Get Sample Pages of the

Report: <https://www.marketsandmarkets.com/requestsampleNew.asp?id=225194671>

Food Diagnostics Market: Growth Factors and Dynamics

- **Increasing Concerns about Food Safety:** With rising concerns about foodborne illnesses and contaminants, there is a growing demand for technologies that can ensure the safety and quality of food products. Food diagnostics play a crucial role in detecting pathogens, toxins, and other harmful substances, thereby addressing these concerns.
- **Stringent Regulations:** Governments and regulatory bodies across the globe are implementing strict regulations and standards for food safety. This has compelled food manufacturers and producers to adopt advanced diagnostic technologies to comply with these regulations and ensure consumer safety.
- **Technological Advancements:** Advances in diagnostic technologies, such as PCR (Polymerase Chain Reaction), immunoassays, biosensors, and chromatography, have significantly improved the accuracy, sensitivity, and speed of food testing. These advancements have led to the development of rapid and reliable diagnostic tools for detecting contaminants and adulterants in food products.
- **Rise in Foodborne Outbreaks:** The increasing number of foodborne outbreaks has heightened awareness among consumers, regulators, and food industry stakeholders about the importance of implementing robust food safety measures. This has driven the demand for innovative diagnostic solutions that can quickly identify and mitigate foodborne risks.
- **Globalization of Food Supply Chains:** With the globalization of food supply chains, food products are sourced from various regions, increasing the complexity of food safety management. As a result, there is a growing need for diagnostic technologies that can

trace and monitor food products throughout the supply chain, ensuring compliance with safety standards and regulations.

- **Consumer Demand for Transparency:** Consumers are becoming more conscious about the quality and safety of the food they consume. They are increasingly demanding transparency and accountability from food producers regarding the sourcing, processing, and handling of food products. Food diagnostics help meet these demands by providing assurance about the safety and authenticity of food items.
- **Investments in Research and Development:** Significant investments in research and development activities aimed at enhancing the performance and capabilities of food diagnostic technologies have fueled market growth. Companies are focusing on developing innovative solutions that offer faster, more accurate, and cost-effective testing methods for a wide range of foodborne contaminants.

List of the Prominent Players in the Food Diagnostics Market

- Bio-Rad Laboratories Inc. (US)
- Thermo Fisher Scientific Inc. (US)
- Shimadzu Corporation (Japan)
- Neogen Corporation (US)
- BioMerieux (France)
- Agilent Technologies Inc. (US)
- Merck KGaA (Germany)
- QIAGEN (Germany)
- Bruker (US)

Regional Analysis of Food Diagnostics Market

The stringent food safety regulations and their unwavering enforcement in the North American region have been instrumental in driving the demand for advanced food diagnostics technologies. Regulatory bodies such as the FDA in the United States and CFIA in Canada continually advocate for more rigorous monitoring and testing protocols, effectively compelling the adoption of cutting-edge food diagnostics solutions. The steadfast commitment to ensuring the safety and quality of food products places North America at the forefront of this burgeoning industry.

Additionally, North American consumers have become increasingly conscious of food safety issues and are placing a growing emphasis on healthy eating. This awareness has created a pressing need for greater transparency in the food supply chain. Consumers are scrutinizing the origin, quality, and safety of their food like never before. Consequently, the market for food

diagnostics services has witnessed substantial growth as it offers consumers the assurance and peace of mind they seek when making food choices.

To speak to our analyst for a discussion on the above findings, click [Speak to Analyst](#)