

Global E-coli Testing Market Size Study, By Test (Environmental Test, Clinical Test), By End-User (Hospitals, Diagnostic Laboratories, Physician Offices), and Regional Forecasts 2022-2032

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Abstracts

Global E-coli Testing Market is valued at approximately USD 1.62 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.2% over the forecast period 2024-2032. E-coli Testing refers to the process of detecting, identifying, and quantifying the presence of Escherichia coli bacteria in various samples, such as food, water, clinical specimens, and environmental materials. E-coli is a type of bacterium commonly found in the intestines of humans and animals. While most strains are harmless, some can cause severe foodborne illnesses and infections, making testing essential for public health and safety.

The escalating prevalence of infectious illnesses resulting from E. coli contamination serves as a substantial catalyst for the growth of the E Coli testing industry. With the increasing stringency of food safety regulations, there is a mounting demand for efficacious testing methodologies that can identify E. coli in food products. Stringent regulations regarding food safety enforced by governments globally aim to prevent infectious illness outbreaks and ensure food safety, thus stimulating the demand for comprehensive pathogen testing, including E. coli. Moreover, technological advancements, increased R&D expenditures and adoption of point-of-care testing present various lucrative opportunities over the forecast years. However, regulatory compliance, high costs of testing, insufficient knowledge and infrastructure are challenging the market growth throughout the forecast period of 2024-2032.

The key regions considered for the Global E-coli Testing Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is

a dominating region in the Global E-coli Testing Market in terms of revenue. The market growth in the region is being attributed to factors including stringent regulatory standards for food and water safety, advanced healthcare infrastructure, and a high incidence of foodborne illnesses, which drive the demand for effective testing solutions. The presence of major market players and ongoing technological advancements also contribute to the region's leadership in the market. Whereas, the market in Asia Pacific is anticipated to grow at the fastest rate over the forecast period fueled by increasing awareness of food safety and public health issues, rapid urbanization, rising disposable incomes, and expanding food and beverage industries. Additionally, the implementation of stricter regulations and increased government initiatives to ensure food and water safety are further propelling the demand for E. coli testing in this region.

Major market player included in this report are:

Becton Dickinson and Company

bioMérieux

Bio-RAD Laboratories Inc.

Enzo Life Sciences Inc.

Hologic Inc.

Neogen Corporation

Idexx Laboratories Inc.

Johnson & Johnson

Meridian Bioscience Inc.

Thermo Fisher Scientific Inc.

Beckman Coulter

Wako

Siemens Healthineers

Hoffmann-La Roche

Cepheid

The detailed segments and sub-segment of the market are explained below:

By Test:

Environmental Test

Clinical Test

By End-User:

Hospitals

Diagnostic Laboratories

Physician Offices

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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