

# **Global Laboratory Proficiency Testing Market Size study, by Technology (Polymerase chain reaction, Cell culture, Immunoassays, Chromatography, and other technologies), By Industry (Clinical diagnostics, Food and animal feed, Microbiology, Pharmaceuticals, and Others) and Regional Forecasts 2022-2029**

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## **Abstracts**

Global Laboratory Proficiency Testing Market is valued at approximately USD 1.27 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 7.3 % over the forecast period 2022-2029. Laboratory proficiency testing can be defined as an external quality and accuracy assessment process that tests unknown specimens from an outside source to ensure accurate lab testing results. The laboratory proficiency testing also offers objective assessment of the lab technicians, specimen handling along with equipment functionality. Furthermore, independent proficiency tests are used as an important tool for laboratories to show evidence of their performance and to ensure that their analytical results can be trusted. The safety regulations framed by the authorities in order to avoid defects in the manufactured products and increasing focus on water testing are key factors driving the market growth.

The safety regulations and initiatives framed by government authorities for water testing is contributing towards the growth of the Global Laboratory Proficiency Testing Market. For instance – in March 2021, the Union Jal Shakti Ministry, Government of India released mandate for setting up of government-accredited laboratories across states, districts, and blocks in the next year for testing of drinking water. All of these labs would be accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL) and will enable the public to get their samples of water tested. Additionally, in November 2020, the World Health Organization and the European Civil

Protection and Humanitarian Aid Operations (ECHO) worked in collaboration with the Department of Health (DOH) and local governments to offer training and worked towards the establishment and accreditation of testing laboratories. Also, growing advancements in the testing industry and rising growth opportunities in emerging countries due to growing industrialization would create a lucrative growth prospectus for the market over the forecast period. However, high initial capital investments for accurate and sensitive testing hinder the market growth throughout the forecast period of 2022-2029.

The regional analysis of global Laboratory Proficiency Testing market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is estimated as the dominant region worldwide over the forecast period owing to the increasing traction of proficiency testing and stringent government regulations towards the laboratory operations along with the presence of major laboratory proficiency testing solutions providers in the region. Whereas, Asia Pacific is estimated as the fastest growing region over the projected period due to factors such as significant growth in outsourcing services and growing industrialization in the region.

Major market players included in this report are:

Advanced Analytical Solutions, LLC

AOAC

Bio-Rad Laboratories

Bipea Absolute Standards Inc.

College of American Pathologists

LGC Limited

Merck

NSI Lab Solutions

Randox Laboratories

Waters Corporation

Recent Developments in the Market:

In July 2021, Trilogy Analytical Laboratory announced roll out of its new Customer Portal.

This new online portal would enable customers to submit samples, communicate with the laboratory and would allow access and download of the results online.

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Global Laboratory Proficiency Testing Market Report Scope:

*Global Laboratory Proficiency Testing Market Size study, by Technology (Polymerase chain reaction, Cell cultur...*

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Material offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Polymerase chain reaction

Cell culture

Immunoassays

Chromatography

Other technologies

By Industry:

Clinical diagnostics

Food and animal feed

Microbiology

Pharmaceuticals

Others

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  
RoLA  
Rest of the World

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