

# **Global ATP Assays Market Size study, by Product ( Consumables & Accessories, Reagent, Microplates, Other Consumables & Accessories, Instruments, Luminometers, Spectrophotometers), by Application ( Contamination Testing, Disease Testing, Drug Discovery and Development), by End-User ( Pharmaceutical & Biotechnology companies, Food and Beverage Industry, Hospitals and Diagnostic Laboratories, Academic and Research Institutions)and Regional Forecasts 2022-2028**

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## **Abstracts**

Global ATP Assays Market is valued approximately USD 255 million in 2021 and is anticipated to grow with a healthy growth rate of more than 8% over the forecast period 2022-2028. ATP assays are procedures that can determine cell viability by detecting ATP. All live cells, including bacteria, can be detected with ATP tests with the help of Colorimetric, fluorescent, and bioluminescent detection technologies. The high prevalence of chronic diseases, as well as the use of advanced technologies in microbial detection, rising demand for cell-based assays in research, increasing investments in cancer and stem cell research, and the use of advanced technologies in microbial detection, are all driving growth in this market. For instance, In 2019, AVITA Medical in Australia joined with experts at the Gates Center for stem cell therapy at the University Of Colorado School Of Medicine to explore development of spray-on treatment of genetically engineered cells for patients. ATP tests are also used in food manufacturing facilities to determine if food-contact surfaces are thoroughly cleaned. It also ensures that the surfaces are free of harmful microbiological loads and that the

products are safe and of good quality. Food adulteration incidents are on the rise in India, according to the Food Safety and Standards Authority of India. As a result, the demand for ATP has increased due to rising food-safety concerns and the need to avoid adulteration and maintain food quality. Whereas, the high cost of these instruments is a major barrier restricting the adoption of ATP assay devices, particularly in emerging regions. Further, technological enhancements in ATP assay is expected to create growth opportunity in the market.

The key regions considered for the global ATP Assays Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the ATP assays market, followed by Europe, Asia Pacific, Latin America, and the Middle East and Africa. The region's strong pharmaceutical and biotechnology industry, rising demand for cell-based assays in research, growing food safety concerns, and increased government financing for life science research all contribute to North America's substantial growth. Whereas Asia Pacific is predicted to expand at the greatest CAGR over the projection period of 2022–2028. This regional market is predicted to develop at the fastest rate over the forecast period, as several APAC countries see an increase in proteomics, genomics, and stem cell research activities.

Major market player included in this report are:

Thermo Fisher Scientific, Inc.

Promega Corporation

Merck KGaA

PerkinElmer, Inc.

Agilent Technologies, Inc.

Abcam plc

Lonza Group

NEOGEN Corporation

3M

Danaher Corporation

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 product offerings of key players. The detailed segments and sub-segment of the market are explained below:

**ByProduct:**

Consumables & Accessories  
Reagent  
Microplates  
Other Consumables & Accessories  
Instruments  
Luminometers  
Spectrophotometers

**By Application:**

Contamination Testing  
Disease Testing  
Drug Discovery and Development

**By End-User:**

Pharmaceutical & Biotechnology companies  
Food and Beverage Industry  
Hospitals and Diagnostic Laboratories  
Academic and Research Institutions

**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 the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global ATP Assays Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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