

Global Laboratory Developed Tests Market Size study, by Technology Outlook (Immunoassays, Hematology & Coagulation, Molecular Diagnostics, Microbiology, Clinical Chemistry, Histology/Cytology, Others), by Application Outlook (Oncology, Genetic Disorders/Inherited Disease, Infectious & Parasitic Diseases, Other Diseases) and Regional Forecasts 2022-2032

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Abstracts

Global Laboratory Developed Tests Market is valued at approximately USD 12.36 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 7.21% over the forecast period 2024-2032. Diagnostic tests created, verified, and carried out in a single laboratory are referred to as laboratory designed tests, or LDTs. These tests are frequently employed in situations where commercial tests are unavailable or do not adequately address the special demands of a patient group. They are intended to identify a broad variety of ailments, from infectious infections to genetic abnormalities. When a test is required but not yet commercially accessible, or when current tests do not satisfy the unique needs of a given patient population, Laboratory Diagnostic Tests are frequently employed. The increasing incidence of genetic abnormalities and cancer is thought to be contributing to the market growth, along with an increase in the number of new product releases.

The market for Laboratory Developed Tests is growing due to the rising prevalence of different health conditions. Another significant factor boosting demand for Laboratory-Developed Tests is the increasing requirement for customized medicine, which makes these tests a more flexible and accessible option for medical professionals. Market

sales are being driven by the growing need for affordable diagnostics, which lowers the cost of healthcare for consumers. Furthermore, the versatility of laboratory-created tests opens new possibilities for the development of diagnostic tools for a variety of illnesses. However, it might be difficult to guarantee the accuracy and consistency of LDTs, especially for labs without access to standard operating procedures and chemicals. Disparities in patient care and a potential threat to the legitimacy of LDTs can arise from variations in testing procedures and outcomes. Although establishing standardization procedures and quality control mechanisms for Laboratory Developed Tests is crucial, it will be labor- and resource-intensive, which hinders market expansion.

The key regions considered for the Global Laboratory Developed Tests Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America is dominating the market for laboratory-developed tests. The senior population, rising healthcare costs, the frequency of chronic illnesses, and government financing are all responsible for this high percentage. Furthermore, the coronavirus pandemic had a favorable effect on growth. The COVID-19 epidemic led to an increase in the number of tests because of the growing need for prompt on-site screening. In addition, the market is expanding significantly due to the rising incidence of cancer and the quick advancement of diagnostics. The fastest growing region for Laboratory Developed Tests Market is Asia Pacific.

Major market player included in this report are:

Quest Diagnostics Incorporated.

23andMe, Inc.

Abbott

Guardant Health

NeoGenomics Laboratories.

Siemens Healthineers AG

QIAGEN

Illumina, Inc.

Eurofins Scientific

F. Hoffmann-La Roche Ltd.

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

By Technology Outlook

Immunoassays

Hematology & Coagulation
Molecular Diagnostics
Microbiology
Clinical Chemistry
Histology/Cytology
Flow Cytometry
Mass Spectroscopy
Others

By Application Outlook

Oncology
Genetic Disorders/Inherited Disease
Infectious & Parasitic Diseases
Immunology
Endocrine
Nutritional & Metabolic Disease
Cardiology
Mental/Behavioral Disorder
Pediatrics-specific Testing
Hematology/General Blood Test
Bodily Fluid Analysis
Toxicology
Other Diseases

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
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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