

# Global Laboratory-developed Testing Market Analysis and Forecast 2024-2030

<https://marketpublishers.com/r/G7AD105C061BEN.html>

Date: April 2024

Pages: 128

Price: US\$ 4,950.00 (Single User License)

ID: G7AD105C061BEN

## Abstracts

Twenty-five years ago, the Food and Drug Administration (FDA) asserted in a draft document that 'home brew' tests-now commonly referred to as laboratory-developed tests (LDTs)-are subject to the same regulatory oversight as other in vitro diagnostics (IVDs)<sup>4</sup>. In 2010, the FDA began work on developing a proposed framework for future LDT oversight. Released in 2014, the draft guidance sparked an intense debate over potential LDT regulation. While the proposed guidance has not been implemented, many questions regarding LDT oversight remain unresolved.

A laboratory developed test (LDT) is a type of in vitro diagnostic test that is designed, manufactured and used within a single laboratory.

LDTs can be used to measure or detect a wide variety of analytes (substances such as proteins, chemical compounds like glucose or cholesterol, or DNA), in a sample taken from a human body. Some LDTs are relatively simple tests that measure single analytes, such as a test that measures the level of sodium. Other LDTs are complex and may measure or detect one or more analytes. For example, some tests can detect many DNA variations from a single blood sample, which can be used to help diagnose a genetic disease. Various levels of chemicals can be measured to help diagnose a patient's state of health, such as levels of cholesterol or sodium.

While the uses of an LDT are often the same as the uses of FDA-cleared or approved in vitro diagnostic tests, some labs may choose to offer their own test. For example, a hospital lab may run its own vitamin D assay, even though there is an FDA-cleared test for vitamin D currently on the market.

According to APO Research, The global Laboratory-developed Testing market is

projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The leading players in laboratory-developed testing include Quest Diagnostics, Roche, Illumina, Qiagen, and Eurofins, with the top three accounting for approximately 15% of the market.

North America is the largest market with more than 65% of the market, followed by Europe with about 15%.

### Report Includes

This report presents an overview of global market for Laboratory-developed Testing, market size. Analyses of the global market trends, with historic market revenue data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Laboratory-developed Testing, also provides the revenue of main regions and countries. Of the upcoming market potential for Laboratory-developed Testing, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Laboratory-developed Testing revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Laboratory-developed Testing market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, revenue, and growth rate, from 2019 to 2030. Evaluation and forecast the market size for Laboratory-developed Testing revenue, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Adaptive Biotechnologies Corporation, Quest Diagnostics, Roche, Illumina, Qiagen, Eurofins,

Guardant Health, Biotheranostics and Adaptive Biotechnologies, etc.

#### Laboratory-developed Testing segment by Company

Adaptive Biotechnologies Corporation

Quest Diagnostics

Roche

Illumina

Qiagen

Eurofins

Guardant Health

Biotheranostics

Adaptive Biotechnologies

Rosetta Genomics

Biodesix

Helix

#### Laboratory-developed Testing segment by Type

Commercial Service

R&D

#### Laboratory-developed Testing segment by Application

Genetic Testing

Oncology

Infectious Disease

Others

### Laboratory-developed Testing segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

### Study Objectives

1. To analyze and research the global status and future forecast, involving growth rate (CAGR), market share, historical and forecast.
2. To present the key players, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.

6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Laboratory-developed Testing market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Laboratory-developed Testing and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in market size), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Laboratory-developed Testing.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of

the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Revenue of Laboratory-developed Testing in global and regional level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 4: Detailed analysis of Laboratory-developed Testing company competitive landscape, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 5: Provides the analysis of various market segments by type, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 6: Provides the analysis of various market segments by application, covering the revenue, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 7: Provides profiles of key companies, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Laboratory-developed Testing revenue, gross margin, and recent development, etc.

Chapter 8: North America (US & Canada) by type, by application and by country, revenue for each segment.

Chapter 9: Europe by type, by application and by country, revenue for each segment.

Chapter 10: China type, by application, revenue for each segment.

Chapter 11: Asia (excluding China) type, by application and by region, revenue for each segment.

Chapter 12: Middle East, Africa, and Latin America type, by application and by country, revenue for each segment.

Chapter 13: The main concluding insights of the report.

Chapter 13: The main concluding insights of the report.



## Contents

### 1 MARKET OVERVIEW

#### 1.1 Product Definition

#### 1.2 Laboratory-developed Testing Market by Type

##### 1.2.1 Global Laboratory-developed Testing Market Size by Type, 2019 VS 2023 VS 2030

##### 1.2.2 Commercial Service

##### 1.2.3 R&D

#### 1.3 Laboratory-developed Testing Market by Application

##### 1.3.1 Global Laboratory-developed Testing Market Size by Application, 2019 VS 2023 VS 2030

##### 1.3.2 Genetic Testing

##### 1.3.3 Oncology

##### 1.3.4 Infectious Disease

##### 1.3.5 Others

#### 1.4 Assumptions and Limitations

#### 1.5 Study Goals and Objectives

### 2 LABORATORY-DEVELOPED TESTING MARKET DYNAMICS

#### 2.1 Laboratory-developed Testing Industry Trends

#### 2.2 Laboratory-developed Testing Industry Drivers

#### 2.3 Laboratory-developed Testing Industry Opportunities and Challenges

#### 2.4 Laboratory-developed Testing Industry Restraints

### 3 GLOBAL GROWTH PERSPECTIVE

#### 3.1 Global Laboratory-developed Testing Market Perspective (2019-2030)

#### 3.2 Global Laboratory-developed Testing Growth Trends by Region

##### 3.2.1 Global Laboratory-developed Testing Market Size by Region: 2019 VS 2023 VS 2030

##### 3.2.2 Global Laboratory-developed Testing Market Size by Region (2019-2024)

##### 3.2.3 Global Laboratory-developed Testing Market Size by Region (2025-2030)

### 4 COMPETITIVE LANDSCAPE BY PLAYERS

#### 4.1 Global Laboratory-developed Testing Revenue by Players

- 4.1.1 Global Laboratory-developed Testing Revenue by Players (2019-2024)
- 4.1.2 Global Laboratory-developed Testing Revenue Market Share by Players (2019-2024)
- 4.1.3 Global Laboratory-developed Testing Players Revenue Share Top 10 and Top 5 in 2023
- 4.2 Global Laboratory-developed Testing Key Players Ranking, 2022 VS 2023 VS 2024
- 4.3 Global Laboratory-developed Testing Key Players Headquarters & Area Served
- 4.4 Global Laboratory-developed Testing Players, Product Type & Application
- 4.5 Global Laboratory-developed Testing Players Commercialization Time
- 4.6 Market Competitive Analysis
  - 4.6.1 Global Laboratory-developed Testing Market CR5 and HHI
  - 4.6.2 Global Top 5 and 10 Laboratory-developed Testing Players Market Share by Revenue in 2023
  - 4.6.3 2023 Laboratory-developed Testing Tier 1, Tier 2, and Tier

## **5 LABORATORY-DEVELOPED TESTING MARKET SIZE BY TYPE**

- 5.1 Global Laboratory-developed Testing Revenue by Type (2019 VS 2023 VS 2030)
- 5.2 Global Laboratory-developed Testing Revenue by Type (2019-2030)
- 5.3 Global Laboratory-developed Testing Revenue Market Share by Type (2019-2030)

## **6 LABORATORY-DEVELOPED TESTING MARKET SIZE BY APPLICATION**

- 6.1 Global Laboratory-developed Testing Revenue by Application (2019 VS 2023 VS 2030)
- 6.2 Global Laboratory-developed Testing Revenue by Application (2019-2030)
- 6.3 Global Laboratory-developed Testing Revenue Market Share by Application (2019-2030)

## **7 COMPANY PROFILES**

- 7.1 Adaptive Biotechnologies Corporation
  - 7.1.1 Adaptive Biotechnologies Corporation Company Information
  - 7.1.2 Adaptive Biotechnologies Corporation Business Overview
  - 7.1.3 Adaptive Biotechnologies Corporation Laboratory-developed Testing Revenue and Gross Margin (2019-2024)
  - 7.1.4 Adaptive Biotechnologies Corporation Laboratory-developed Testing Product Portfolio
  - 7.1.5 Adaptive Biotechnologies Corporation Recent Developments

## 7.2 Quest Diagnostics

7.2.1 Quest Diagnostics Company Information

7.2.2 Quest Diagnostics Business Overview

7.2.3 Quest Diagnostics Laboratory-developed Testing Revenue and Gross Margin (2019-2024)

7.2.4 Quest Diagnostics Laboratory-developed Testing Product Portfolio

7.2.5 Quest Diagnostics Recent Developments

## 7.3 Roche

7.3.1 Roche Company Information

7.3.2 Roche Business Overview

7.3.3 Roche Laboratory-developed Testing Revenue and Gross Margin (2019-2024)

7.3.4 Roche Laboratory-developed Testing Product Portfolio

7.3.5 Roche Recent Developments

## 7.4 Illumina

7.4.1 Illumina Company Information

7.4.2 Illumina Business Overview

7.4.3 Illumina Laboratory-developed Testing Revenue and Gross Margin (2019-2024)

7.4.4 Illumina Laboratory-developed Testing Product Portfolio

7.4.5 Illumina Recent Developments

## 7.5 Qiagen

7.5.1 Qiagen Company Information

7.5.2 Qiagen Business Overview

7.5.3 Qiagen Laboratory-developed Testing Revenue and Gross Margin (2019-2024)

7.5.4 Qiagen Laboratory-developed Testing Product Portfolio

7.5.5 Qiagen Recent Developments

## 7.6 Eurofins

7.6.1 Eurofins Company Information

7.6.2 Eurofins Business Overview

7.6.3 Eurofins Laboratory-developed Testing Revenue and Gross Margin (2019-2024)

7.6.4 Eurofins Laboratory-developed Testing Product Portfolio

7.6.5 Eurofins Recent Developments

## 7.7 Guardant Health

7.7.1 Guardant Health Company Information

7.7.2 Guardant Health Business Overview

7.7.3 Guardant Health Laboratory-developed Testing Revenue and Gross Margin (2019-2024)

7.7.4 Guardant Health Laboratory-developed Testing Product Portfolio

7.7.5 Guardant Health Recent Developments

## 7.8 Biotheranostics

- 7.8.1 Biotheranostics Company Information
- 7.8.2 Biotheranostics Business Overview
- 7.8.3 Biotheranostics Laboratory-developed Testing Revenue and Gross Margin (2019-2024)
- 7.8.4 Biotheranostics Laboratory-developed Testing Product Portfolio
- 7.8.5 Biotheranostics Recent Developments
- 7.9 Adaptive Biotechnologies
  - 7.9.1 Adaptive Biotechnologies Company Information
  - 7.9.2 Adaptive Biotechnologies Business Overview
  - 7.9.3 Adaptive Biotechnologies Laboratory-developed Testing Revenue and Gross Margin (2019-2024)
  - 7.9.4 Adaptive Biotechnologies Laboratory-developed Testing Product Portfolio
  - 7.9.5 Adaptive Biotechnologies Recent Developments
- 7.10 Rosetta Genomics
  - 7.10.1 Rosetta Genomics Company Information
  - 7.10.2 Rosetta Genomics Business Overview
  - 7.10.3 Rosetta Genomics Laboratory-developed Testing Revenue and Gross Margin (2019-2024)
  - 7.10.4 Rosetta Genomics Laboratory-developed Testing Product Portfolio
  - 7.10.5 Rosetta Genomics Recent Developments
- 7.11 Biodesix
  - 7.11.1 Biodesix Company Information
  - 7.11.2 Biodesix Business Overview
  - 7.11.3 Biodesix Laboratory-developed Testing Revenue and Gross Margin (2019-2024)
  - 7.11.4 Biodesix Laboratory-developed Testing Product Portfolio
  - 7.11.5 Biodesix Recent Developments
- 7.12 Helix
  - 7.12.1 Helix Company Information
  - 7.12.2 Helix Business Overview
  - 7.12.3 Helix Laboratory-developed Testing Revenue and Gross Margin (2019-2024)
  - 7.12.4 Helix Laboratory-developed Testing Product Portfolio
  - 7.12.5 Helix Recent Developments

## **8 NORTH AMERICA**

- 8.1 North America Laboratory-developed Testing Revenue (2019-2030)
- 8.2 North America Laboratory-developed Testing Revenue by Type (2019-2030)
  - 8.2.1 North America Laboratory-developed Testing Revenue by Type (2019-2024)

- 8.2.2 North America Laboratory-developed Testing Revenue by Type (2025-2030)
- 8.3 North America Laboratory-developed Testing Revenue Share by Type (2019-2030)
- 8.4 North America Laboratory-developed Testing Revenue by Application (2019-2030)
  - 8.4.1 North America Laboratory-developed Testing Revenue by Application (2019-2024)
  - 8.4.2 North America Laboratory-developed Testing Revenue by Application (2025-2030)
- 8.5 North America Laboratory-developed Testing Revenue Share by Application (2019-2030)
- 8.6 North America Laboratory-developed Testing Revenue by Country
  - 8.6.1 North America Laboratory-developed Testing Revenue by Country (2019 VS 2023 VS 2030)
  - 8.6.2 North America Laboratory-developed Testing Revenue by Country (2019-2024)
  - 8.6.3 North America Laboratory-developed Testing Revenue by Country (2025-2030)
  - 8.6.4 U.S.
  - 8.6.5 Canada

## **9 EUROPE**

- 9.1 Europe Laboratory-developed Testing Revenue (2019-2030)
- 9.2 Europe Laboratory-developed Testing Revenue by Type (2019-2030)
  - 9.2.1 Europe Laboratory-developed Testing Revenue by Type (2019-2024)
  - 9.2.2 Europe Laboratory-developed Testing Revenue by Type (2025-2030)
- 9.3 Europe Laboratory-developed Testing Revenue Share by Type (2019-2030)
- 9.4 Europe Laboratory-developed Testing Revenue by Application (2019-2030)
  - 9.4.1 Europe Laboratory-developed Testing Revenue by Application (2019-2024)
  - 9.4.2 Europe Laboratory-developed Testing Revenue by Application (2025-2030)
- 9.5 Europe Laboratory-developed Testing Revenue Share by Application (2019-2030)
- 9.6 Europe Laboratory-developed Testing Revenue by Country
  - 9.6.1 Europe Laboratory-developed Testing Revenue by Country (2019 VS 2023 VS 2030)
  - 9.6.2 Europe Laboratory-developed Testing Revenue by Country (2019-2024)
  - 9.6.3 Europe Laboratory-developed Testing Revenue by Country (2025-2030)
  - 9.6.4 Germany
  - 9.6.5 France
  - 9.6.6 U.K.
  - 9.6.7 Italy
  - 9.6.8 Russia

## **10 CHINA**

- 10.1 China Laboratory-developed Testing Revenue (2019-2030)
- 10.2 China Laboratory-developed Testing Revenue by Type (2019-2030)
  - 10.2.1 China Laboratory-developed Testing Revenue by Type (2019-2024)
  - 10.2.2 China Laboratory-developed Testing Revenue by Type (2025-2030)
- 10.3 China Laboratory-developed Testing Revenue Share by Type (2019-2030)
- 10.4 China Laboratory-developed Testing Revenue by Application (2019-2030)
  - 10.4.1 China Laboratory-developed Testing Revenue by Application (2019-2024)
  - 10.4.2 China Laboratory-developed Testing Revenue by Application (2025-2030)
- 10.5 China Laboratory-developed Testing Revenue Share by Application (2019-2030)

## **11 ASIA (EXCLUDING CHINA)**

- 11.1 Asia Laboratory-developed Testing Revenue (2019-2030)
- 11.2 Asia Laboratory-developed Testing Revenue by Type (2019-2030)
  - 11.2.1 Asia Laboratory-developed Testing Revenue by Type (2019-2024)
  - 11.2.2 Asia Laboratory-developed Testing Revenue by Type (2025-2030)
- 11.3 Asia Laboratory-developed Testing Revenue Share by Type (2019-2030)
- 11.4 Asia Laboratory-developed Testing Revenue by Application (2019-2030)
  - 11.4.1 Asia Laboratory-developed Testing Revenue by Application (2019-2024)
  - 11.4.2 Asia Laboratory-developed Testing Revenue by Application (2025-2030)
- 11.5 Asia Laboratory-developed Testing Revenue Share by Application (2019-2030)
- 11.6 Asia Laboratory-developed Testing Revenue by Country
  - 11.6.1 Asia Laboratory-developed Testing Revenue by Country (2019 VS 2023 VS 2030)
  - 11.6.2 Asia Laboratory-developed Testing Revenue by Country (2019-2024)
  - 11.6.3 Asia Laboratory-developed Testing Revenue by Country (2025-2030)
  - 11.6.4 Japan
  - 11.6.5 South Korea
  - 11.6.6 India
  - 11.6.7 Australia
  - 11.6.8 China Taiwan
  - 11.6.9 Southeast Asia

## **12 MIDDLE EAST, AFRICA, LATIN AMERICA**

- 12.1 MEALA Laboratory-developed Testing Revenue (2019-2030)
- 12.2 MEALA Laboratory-developed Testing Revenue by Type (2019-2030)



- 12.2.1 MEALA Laboratory-developed Testing Revenue by Type (2019-2024)
- 12.2.2 MEALA Laboratory-developed Testing Revenue by Type (2025-2030)
- 12.3 MEALA Laboratory-developed Testing Revenue Share by Type (2019-2030)
- 12.4 MEALA Laboratory-developed Testing Revenue by Application (2019-2030)
  - 12.4.1 MEALA Laboratory-developed Testing Revenue by Application (2019-2024)
  - 12.4.2 MEALA Laboratory-developed Testing Revenue by Application (2025-2030)
- 12.5 MEALA Laboratory-developed Testing Revenue Share by Application (2019-2030)
- 12.6 MEALA Laboratory-developed Testing Revenue by Country
  - 12.6.1 MEALA Laboratory-developed Testing Revenue by Country (2019 VS 2023 VS 2030)
  - 12.6.2 MEALA Laboratory-developed Testing Revenue by Country (2019-2024)
  - 12.6.3 MEALA Laboratory-developed Testing Revenue by Country (2025-2030)
  - 12.6.4 Mexico
  - 12.6.5 Brazil
  - 12.6.6 Israel
  - 12.6.7 Argentina
  - 12.6.8 Colombia
  - 12.6.9 Turkey
  - 12.6.10 Saudi Arabia
  - 12.6.11 UAE

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

- 14.1 Reasons for Doing This Study
- 14.2 Research Methodology
- 14.3 Research Process
- 14.4 Authors List of This Report
- 14.5 Data Source
  - 14.5.1 Secondary Sources
  - 14.5.2 Primary Sources
- 14.6 Disclaimer

## I would like to order

Product name: Global Laboratory-developed Testing Market Analysis and Forecast 2024-2030

Product link: <https://marketpublishers.com/r/G7AD105C061BEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G7AD105C061BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970