

Global D-Dimer Testing Market Size Study, by Test Type (Point-of-Care Tests, Laboratory Tests), by Application (Deep Vein Thrombosis, Pulmonary Embolism, Disseminated Intravascular Coagulation, Others), by End-use (Hospitals, Academic & Research Institutes, Diagnostic Centers, Others) and Regional Forecasts 2022-2032

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Abstracts

The Global D-Dimer Testing Market is valued at approximately USD 1.37 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 5.1% over the forecast period 2024-2032. The D-Dimer test is a critical diagnostic tool used to detect the presence of blood clots in the body. It measures levels of D-Dimer, a protein fragment produced when a blood clot dissolves, helping healthcare professionals assess the risk of clot formation and manage conditions such as stroke and other thrombotic disorders. This test is pivotal in diagnosing and monitoring various conditions, including DVT, PE, and DIC, by providing valuable insights into the likelihood of clot formation and aiding in the timely intervention and effective management of these disorders.

The increasing prevalence of blood clotting disorders, such as deep vein thrombosis (DVT), pulmonary embolism (PE), and disseminated intravascular coagulation (DIC), is a significant factor driving market growth. The World Federation of Hemophilia reported that as of July 2022, 10,276 individuals with hemophilia were enrolled in 87 treatment centers across 40 countries. This highlights the growing need for effective diagnostic tools like the D-Dimer test. However, the market faces challenges such as a lack of standardization among D-Dimer assays and testing methodologies. This inconsistency can complicate the evaluation of patients and undermine the reliability of diagnostic

conclusions. Furthermore, the emergence of aptamers as an alternative to antibodies for D-Dimer testing presents a significant shift in diagnostic methodologies. Aptamers offer cost-effective, stable, and rapidly produced solutions, enhancing the appeal of D-Dimer testing, particularly in resource-limited settings.

The D-Dimer testing market is segmented by test type, application, end-use, and region. The laboratory tests sub-segment dominated the market in 2022, reflecting their efficacy and reliability in providing accurate diagnostic insights. By application, the deep vein thrombosis (DVT) sub-segment was prominent, highlighting the critical role D-Dimer testing plays in diagnosing and managing DVT. The hospitals sub-segment led the market by end-use in 2022, emphasizing the central role hospitals play in diagnostic procedures and healthcare delivery.

The key regions considered for the Global D-Dimer Testing Market study include Asia Pacific, North America, Europe, Latin America, and Middle East and Africa. In 2023, North America led the D-dimer testing market, underscoring the region's focus on proactive healthcare management. The widespread adoption of D-dimer testing across medical facilities has made it essential for evaluating thrombotic conditions and ruling out serious clotting disorders. This dominance highlights North America's commitment to advanced medical practices and a proactive approach to healthcare. The prevalence of D-dimer testing reflects the region's prioritization of early detection and intervention in thrombotic events, consistent with its broader healthcare ethos of preventative care. North America's significant share in the D-dimer testing market underscores its role as a leader in innovative medical technologies and diagnostic methodologies, setting a benchmark for other regions. On the other hand, Asia Pacific is poised to registered fastest growth over the forecast period 2024-2032.

Major market players included in this report are:

Thermo Fisher Scientific Inc.

F. Hoffmann-La Roche Ltd.

Siemens Healthineers

Abbott

Biomerieux SA

WERFEN

HORIBA, Ltd.

Quidel Corporation

Diazyme Laboratories, Inc.

Sekisui Diagnostics

LumiraDx Limited
Bio-Rad Laboratories
Danaher Corporation
Sysmex Corporation
Hologic, Inc.

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

Test Type:

Point-of-Care Tests
Laboratory Tests

Application:

Deep Vein Thrombosis (DVT)
Pulmonary Embolism (PE)
Disseminated Intravascular Coagulation (DIC)
Others

End-use:

Hospitals
Academic & Research Institutes
Diagnostic Centers
Others

By Region:

North America
U.S.
Canada

Europe

UK
Germany
France
Italy
Spain
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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