

Global Paper Diagnostics Market Size Study & Forecast, By Kit Application (Lateral Flow Assays, Dipsticks, and Paper Based Microfluidics) By Device Type (Diagnostic Devices and Monitoring Devices), By Application (Clinical Diagnostics, Food Quality Testing, and Environmental Monitoring), and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G31428508C7AEN.html>

Date: April 2024

Pages: 200

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

ID: G31428508C7AEN

Abstracts

Global Paper Diagnostics Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. The paper diagnostics market encompasses the development, manufacturing, and utilization of diagnostic tests and devices that leverage paper-based substrates for rapid and cost-effective disease detection and monitoring. These diagnostics often employ microfluidic channels, colorimetric reactions, and biomarker detection methods integrated into paper formats, enabling portable, point-of-care testing capabilities. One of the primary drivers propelling the growth of the paper diagnostics market is its inherent cost-effectiveness. Paper-based tests offer an affordable alternative to traditional diagnostic methods, particularly advantageous in resource-limited settings and for mass screening programs. Moreover, the rising prevalence of chronic diseases worldwide, coupled with the demand for rapid and accessible diagnostic solutions, has significantly boosted the adoption of paper diagnostics. The ability of these tests to provide quick results, require minimal equipment, and be performed outside laboratory settings aligns with the growing trend of point-of-care testing and decentralized healthcare delivery models, further driving market expansion. Additionally, ongoing advancements in paper-based microfluidics, biosensors, and assay technologies continue to enhance the sensitivity, specificity, and multiplexing capabilities of paper diagnostics, opening up new opportunities for applications in

various disease areas and research settings.

Additionally, the global burden of lifestyle-associated diseases, such as diabetes and cardiovascular disorders, continues to rise due to factors like unhealthy dietary habits, sedentary lifestyles, and increasing obesity rates worldwide. For instance, data from the International Diabetes Federation (IDF) revealed that in 2021, approximately 540 million individuals were diagnosed with diabetes globally, with a significant portion of cases remaining undiagnosed. This trend is expected to persist, with IDF projections indicating a substantial increase of 46% in diabetes cases by 2045, affecting around 783 million people worldwide. Furthermore, government organizations' heightened investments in research and development (R&D) initiatives focused on novel in vitro diagnostic tests and devices have significantly propelled market growth. Entities such as the European Diagnostic Manufacturers Association (EDMA), dedicated to advancing the in vitro diagnostic industry in Europe, consistently allocate substantial resources to R&D efforts annually. Such strategic investments are crucial in fostering innovation, enhancing diagnostic accuracy, and meeting the evolving healthcare needs of populations globally. While paper diagnostics offer rapid results, they may have limitations in terms of sensitivity and specificity compared to conventional laboratory tests, which could hinder their adoption in certain critical diagnostic applications.

The key regions considered for the Global Paper Diagnostics Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. In 2022, North America dominated the paper diagnostics market and is expected to continue leading during the forecast period. This is primarily due to the strong presence of major market players, academic institutions, and research centers in the region, contributing to advancements in diagnostic technologies. Moreover, the region has witnessed an uptick in infectious diseases, driving the demand for rapid and accurate diagnostic tools. For example, engineers at MIT have devised a cost-effective and user-friendly paper-based test, enhanced diagnostic capabilities, and enabled early treatment interventions. Similarly, a biochemist at the University of Washington developed a portable plastic device, further augmenting diagnostic efficiency. On the other hand, the Asia Pacific market is poised to experience the highest compound annual growth rate (CAGR) throughout the forecast period. This growth trajectory can be attributed to substantial investments in the healthcare sector, government initiatives promoting healthcare accessibility, educational campaigns, and heightened public awareness regarding health and wellness practices. These factors collectively contribute to the increasing adoption of paper diagnostics in the region, fostering improved disease management and healthcare outcomes.

Major market players included in this report are:

Arkray, Inc.

Acon Laboratories, Inc.

Abbott (Alere Inc.)

Bio-Rad Laboratories, Inc.

Gvs S.P.A.

Siemens Healthcare GmbH

Diagnostics For All, Inc.

Ffei Life Science (Biognostix)

Navigene

Micro Essential Laboratory Inc.

Recent Developments in the Market:

In March 2023, Siemens Healthineers, a leading medical technology company, disclosed plans for a significant investment of USD 170.95 million to establish a new campus in Bengaluru, India. This comprehensive campus will encompass state-of-the-art research and development (R&D) facilities along with a cutting-edge manufacturing center.

Global Paper Diagnostics Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Kit Application, Device Type, Application, Region

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

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

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and Kit Application offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Kit Application:

Lateral Flow Assays

Dipsticks

Paper Based Microfluidics

By Application:

Diagnostic Devices

Monitoring Devices

By Device Application:

Clinical Diagnostics

Food Quality Testing

Environmental Monitoring

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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Paper Diagnostics Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Paper Diagnostics Market, by Kit Type, 2020-2030 (USD Billion)
 - 1.2.3. Paper Diagnostics Market, by Device Type, 2020-2030 (USD Billion)
 - 1.2.4. Paper Diagnostics Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL PAPER DIAGNOSTICS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL PAPER DIAGNOSTICS MARKET DYNAMICS

- 3.1. Paper Diagnostics Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing Prevalence of Chronic Diseases
 - 3.1.1.2. Growing Trend of Point-Of-Care Testing
 - 3.1.2. Market Challenges
 - 3.1.2.1. Limited Sensitivity and Specificity
 - 3.1.2.2. Regulatory Challenges
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Shift Towards Personalized Medicine and Targeted Therapies
 - 3.1.3.2. Continued Advancements in Scalable Manufacturing Processes

CHAPTER 4. GLOBAL PAPER DIAGNOSTICS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL PAPER DIAGNOSTICS MARKET, BY KIT TYPE

- 5.1. Market Snapshot
- 5.2. Global Paper Diagnostics Market by Kit Type, Performance - Potential Analysis
- 5.3. Global Paper Diagnostics Market Estimates & Forecasts by Kit Type 2020-2030 (USD Billion)
- 5.4. Paper Diagnostics Market, Sub Segment Analysis
 - 5.4.1. Lateral Flow Assays
 - 5.4.2. Dipsticks
 - 5.4.3. Paper Based Microfluidics

CHAPTER 6. GLOBAL PAPER DIAGNOSTICS MARKET, BY DEVICE TYPE

- 6.1. Market Snapshot
- 6.2. Global Paper Diagnostics Market by Device Type, Performance - Potential Analysis
- 6.3. Global Paper Diagnostics Market Estimates & Forecasts by Device Type 2020-2030 (USD Billion)
- 6.4. Paper Diagnostics Market, Sub Segment Analysis
 - 6.4.1. Diagnostic Devices

6.4.2. Monitoring Devices

CHAPTER 7. GLOBAL PAPER DIAGNOSTICS MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Paper Diagnostics Market by Application, Performance - Potential Analysis

7.3. Global Paper Diagnostics Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

7.4. Paper Diagnostics Market, Sub Segment Analysis

7.4.1. Clinical Diagnostics

7.4.2. Food Quality Testing

7.4.3. Environmental Monitoring

CHAPTER 8. GLOBAL PAPER DIAGNOSTICS MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Paper Diagnostics Market, Regional Market Snapshot

8.4. North America Paper Diagnostics Market

8.4.1. U.S. Paper Diagnostics Market

8.4.1.1. Kit Type breakdown estimates & forecasts, 2020-2030

8.4.1.2. Device Type breakdown estimates & forecasts, 2020-2030

8.4.1.3. Application breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Paper Diagnostics Market

8.5. Europe Paper Diagnostics Market Snapshot

8.5.1. U.K. Paper Diagnostics Market

8.5.2. Germany Paper Diagnostics Market

8.5.3. France Paper Diagnostics Market

8.5.4. Spain Paper Diagnostics Market

8.5.5. Italy Paper Diagnostics Market

8.5.6. Rest of Europe Paper Diagnostics Market

8.6. Asia-Pacific Paper Diagnostics Market Snapshot

8.6.1. China Paper Diagnostics Market

8.6.2. India Paper Diagnostics Market

8.6.3. Japan Paper Diagnostics Market

8.6.4. Australia Paper Diagnostics Market

8.6.5. South Korea Paper Diagnostics Market

8.6.6. Rest of Asia Pacific Paper Diagnostics Market

8.7. Latin America Paper Diagnostics Market Snapshot

- 8.7.1. Brazil Paper Diagnostics Market
- 8.7.2. Mexico Paper Diagnostics Market
- 8.8. Rest of The World Paper Diagnostics Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Arkray, Inc.
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. Acon Laboratories, Inc.
 - 9.3.3. Abbott (Alere Inc.)
 - 9.3.4. Bio-Rad Laboratories, Inc.
 - 9.3.5. Gvs S.P.A.
 - 9.3.6. Siemens Healthcare Gmbh
 - 9.3.7. Diagnostics For All, Inc.
 - 9.3.8. Ffei Life Science (Biognostix)
 - 9.3.9. Navigene
 - 9.3.10. Micro Essential Laboratory Inc

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Paper Diagnostics Market, report scope

TABLE 2. Global Paper Diagnostics Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Paper Diagnostics Market estimates & forecasts by Kit Type 2020-2030 (USD Billion)

TABLE 4. Global Paper Diagnostics Market estimates & forecasts by Device Type 2020-2030 (USD Billion)

TABLE 5. Global Paper Diagnostics Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 6. Global Paper Diagnostics Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Paper Diagnostics Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Paper Diagnostics Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Paper Diagnostics Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Paper Diagnostics Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Paper Diagnostics Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Paper Diagnostics Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Paper Diagnostics Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Paper Diagnostics Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Paper Diagnostics Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Paper Diagnostics Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Paper Diagnostics Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 42. China Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 43. India Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 45. India Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 46. Japan Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 48. Japan Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 49. South Korea Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 51. South Korea Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 52. Australia Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 54. Australia Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 55. RoAPAC Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 57. RoAPAC Paper Diagnostics Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 58. Brazil Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Row Paper Diagnostics Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. Row Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. Row Paper Diagnostics Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Paper Diagnostics Market

TABLE 71. List of primary sources, used in the study of global Paper Diagnostics Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Paper Diagnostics Market, research methodology
 - FIG 2. Global Paper Diagnostics Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Paper Diagnostics Market, key trends 2022
 - FIG 5. Global Paper Diagnostics Market, growth prospects 2023-2030
 - FIG 6. Global Paper Diagnostics Market, porters 5 force model
 - FIG 7. Global Paper Diagnostics Market, pest analysis
 - FIG 8. Global Paper Diagnostics Market, value chain analysis
 - FIG 9. Global Paper Diagnostics Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Paper Diagnostics Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Paper Diagnostics Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Paper Diagnostics Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Paper Diagnostics Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Paper Diagnostics Market, regional snapshot 2020 & 2030
 - FIG 15. North America Paper Diagnostics Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Paper Diagnostics Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia Pacific Paper Diagnostics Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Paper Diagnostics Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Paper Diagnostics Market Size Study & Forecast, By Kit Application (Lateral Flow Assays, Dipsticks, and Paper Based Microfluidics) By Device Type (Diagnostic Devices and Monitoring Devices), By Application (Clinical Diagnostics, Food Quality Testing, and Environmental Monitoring), and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G31428508C7AEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G31428508C7AEN.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