

North America Lateral Flow Assay Market Forecast to 2030 - Regional Analysis - by Product Type (Kits & Reagents and Lateral Flow Readers), Technique (Sandwich Assay, Competitive Assays, and Multiplex Detection Assay), Test Type (Lateral Flow Immunoassay and Nucleic Acid Lateral Flow Assay), Application (Clinical Testing, Veterinary Diagnostics, Food Safety & Environment Testing, and Drug Development & Quality Testing), and End User (Hospitals and Clinics, Diagnostics Laboratories, Homecare, Veterinary Clinics, Pharmaceutical & Biotechnology Companies, and Others)

<https://marketpublishers.com/r/N875CF29336BEN.html>

Date: May 2024

Pages: 132

Price: US\$ 3,550.00 (Single User License)

ID: N875CF29336BEN

Abstracts

The North America lateral flow assay market was valued at US\$ 3,687.12 million in 2022 and is expected to reach US\$ 7,089.53 million by 2030; it is estimated to register a CAGR of 8.5% from 2022 to 2030.

Increasing Use of Home-Based Assay Kits Fuels North America Lateral Flow Assay Market

Lateral flow assays (LFA) are paper-based tests designed for the detection of analytes (condition-specific biomolecules) in complex mixtures (biological samples), wherein samples are placed in a designated spot in a test device. These tests provide results within 5-30 minutes. Lateral flow assay kits exhibit stability over various environmental conditions and prolonged shelf life. Home tests based on later flow assays permit users to test self-collected samples and get results without the assistance of a trained medical

professional. These tests are generally sold over the counter. A pregnancy test kit is one of the most familiar examples of home-based lateral flow assays. Further, these assays are designed for the diagnosis of infectious diseases, cardiovascular diseases, and stigmatized diseases such as HIV. Therefore, the rising prevalence of these diseases and the increasing adoption of lateral flow assay testing in home healthcare drive the lateral flow assay market growth. During the COVID-19 pandemic, many companies introduced at-home lateral flow assays for the diagnosis of SARS-CoV-2 infection due to people's reluctance to visit hospitals or diagnostic labs for testing.

In October 2020, Siemens Healthineers launched the CLINITEST Rapid COVID-19 Antigen Self-Test that helps detect the infection in 15 minutes so that the infected individuals can be isolated sooner to avoid the disease spread.

In July 2020, BD Launched a portable, rapid point-of-care antigen test to detect SARS-CoV-2 infection in 15 minutes.

In August 2020, the US Food and Drug Administration (FDA) issued an Emergency Use Authorization for Abbott BinaxNOW COVID-19 Ag Card, a rapid test to detect the disease. BinaxNOW uses Abbott's proven lateral flow technology, making it a friendly and reliable method for frequent mass testing among healthcare providers.

In September 2020, Roche launched a SARS-CoV-2 Rapid Antigen Test for markets accepting the CE Mark.

North America Lateral Flow Assay Market Overview

North America lateral flow assay market is segmented into the US, Canada, and Mexico. The US held the largest North America lateral flow assay market share in 2022. The market growth in the region is characterized by the growing prevalence of various diseases, government support for advanced diagnostics adoption, and increasing efforts in R&D and other activities undertaken by market players. In addition, technological advancements in the diagnosis industry are likely to be a major driver for the North America lateral flow assay market over the coming years.

The US lateral flow assay market holds a significant share in North America. The growth of the US lateral flow assay market is attributed to the growing demand for at-home kits for pregnancy testing and the rapidly increasing incidence of infectious diseases, such as HIV, Hepatitis, H. pylori, and COVID-19. According to the Washington University School of Medicine, annually, ~20 million women in the US rely on home pregnancy tests, which boosts the adoption of lateral flow assay-based pregnancy test kits.

North America Lateral Flow Assay Market Revenue and Forecast to 2030 (US\$ Million)

North America Lateral Flow Assay Market Segmentation

The North America lateral flow assay market is categorized into product type, technique, test type, application, end user, and country.

Based on product type, the North America lateral flow assay market is bifurcated into kits & reagents and lateral flow readers. The kits & reagents segment held a larger North America lateral flow assay market share in 2022.

In terms of technique, the North America lateral flow assay market is segmented into sandwich assay, competitive assays, and multiplex detection assay. The sandwich assay segment held the largest North America lateral flow assay market share in 2022.

By test type, the North America lateral flow assay market is divided into lateral flow immunoassay and nucleic acid lateral flow assay. The lateral flow immunoassay segment held a larger North America lateral flow assay market share in 2022.

Based on application, the North America lateral flow assay market is categorized into clinical testing, veterinary diagnostics, food safety & environment testing, and drug development & quality testing. The clinical testing segment held the largest North America lateral flow assay market share in 2022.

By end user, the North America lateral flow assay market is segmented into hospitals and clinics, diagnostics laboratories, homecare, veterinary clinics, pharmaceutical & biotechnology companies, and others. The hospitals and clinics segment held the largest North America lateral flow assay market share in 2022.

By country, the North America lateral flow assay market is segmented into the US, Canada, and Mexico. The US dominated the North America lateral flow assay market share in 2022.

F. Hoffmann-La Roche Ltd, Siemens Healthineers AG, Becton Dickinson and Co, PerkinElmer Inc, Hologic Inc, QIAGEN NV, bioMérieux SA, QuidelOrtho Corp, Abbott Laboratories, Merck KGaA, Bio-Rad Laboratories Inc, and Thermo Fisher Scientific Inc are some of the leading companies operating in the North America lateral flow assay market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA LATERAL FLOW ASSAY MARKET - KEY INDUSTRY DYNAMICS

- 4.1 North America Lateral Flow Assay Market - Key Industry Dynamics
- 4.2 Market Drivers
 - 4.2.1 Increasing Use of Home-Based Assay Kits
 - 4.2.2 Rising Popularity of Point-of-Care Testing
- 4.3 Market Restraints
 - 4.3.1 Inconsistent Assay Results Due to Procedural Limitations
- 4.4 Market Opportunities
 - 4.4.1 Evolving Applications of Lateral Flow Assays
- 4.5 Future Trends
 - 4.5.1 Smartphone Usage and AI Integration in Lateral Flow Immunoassay
- 4.6 Impact analysis

5. LATERAL FLOW ASSAY MARKET - NORTH AMERICA MARKET ANALYSIS

- 5.1 North America Lateral Flow Assay Market Revenue (US\$ Mn), 2020 - 2030

6. NORTH AMERICA LATERAL FLOW ASSAY MARKET ANALYSIS - PRODUCT TYPE

6.1 Kits & Reagents

6.1.1 Overview

6.1.2 Kits & Reagents: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

6.2 Lateral Flow Readers

6.2.1 Overview

6.2.2 Lateral Flow Readers: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

7. NORTH AMERICA LATERAL FLOW ASSAY MARKET ANALYSIS - TECHNIQUE

7.1 Sandwich Assay

7.1.1 Overview

7.1.2 Sandwich Assay: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

7.2 Competitive Assays

7.2.1 Overview

7.2.2 Competitive Assays: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

7.3 Multiplex Detection Assay

7.3.1 Overview

7.3.2 Multiplex Detection Assay: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

8. NORTH AMERICA LATERAL FLOW ASSAY MARKET ANALYSIS - TEST TYPE

8.1 Lateral Flow Immunoassay

8.1.1 Overview

8.1.2 Lateral Flow Immunoassay: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

8.2 Nucleic Acid Lateral Flow Assay

8.2.1 Overview

8.2.2 Nucleic Acid Lateral Flow Assay: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

9. NORTH AMERICA LATERAL FLOW ASSAY MARKET ANALYSIS - APPLICATION

9.1 Clinical Testing

9.1.1 Overview

9.1.2 Clinical Testing: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

9.2 Veterinary Diagnostics

9.2.1 Overview

9.2.2 Veterinary Diagnostics: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

9.3 Food Safety & Environment Testing

9.3.1 Overview

9.3.2 Food Safety & Environment Testing: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

9.4 Drug Development & Quality Testing

9.4.1 Overview

9.4.2 Drug Development & Quality Testing: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

10. NORTH AMERICA LATERAL FLOW ASSAY MARKET ANALYSIS - END USER

10.1 Hospitals and Clinics

10.1.1 Overview

10.1.2 Hospitals and Clinics: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

10.2 Diagnostics Laboratories

10.2.1 Overview

10.2.2 Diagnostics Laboratories: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

10.3 Homecare

10.3.1 Overview

10.3.2 Homecare: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

10.4 Veterinary Clinics

10.4.1 Overview

10.4.2 Veterinary Clinics: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

10.5 Pharmaceutical & Biotechnology Companies

10.5.1 Overview

10.5.2 Pharmaceutical & Biotechnology Companies: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

10.6 Others

10.6.1 Overview

10.6.2 Others: North America Lateral Flow Assay Market, Revenue and Forecast to 2030 (US\$ Million)

11. NORTH AMERICA LATERAL FLOW ASSAY MARKET - COUNTRY ANALYSIS

11.1 North America Lateral Flow Assay Market, Revenue and Forecast To 2030

11.1.1 North America Lateral Flow Assay Market Revenue and Forecasts and Analysis - By Country

11.1.1.1 US: Lateral Flow Assay Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.1.1 Overview

11.1.1.1.2 US Lateral Flow Assay Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.1.3 US Lateral Flow Assay Market, by Product Type, 2020-2030 (US\$ Million)

11.1.1.1.4 US Lateral Flow Assay Market, by Technique, 2020-2030 (US\$ Million)

11.1.1.1.5 US Lateral Flow Assay Market, by Test Type, 2020-2030 (US\$ Million)

11.1.1.1.6 US Lateral Flow Assay Market, by Application, 2020-2030 (US\$ Million)

11.1.1.1.7 US Lateral Flow Assay Market, by End User, 2020-2030 (US\$ Million)

11.1.1.2 Canada: Lateral Flow Assay Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.2.1 Overview

11.1.1.2.2 Canada Lateral Flow Assay Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.2.3 Canada Lateral Flow Assay Market, by Product Type, 2020-2030 (US\$ Million)

11.1.1.2.4 Canada Lateral Flow Assay Market, by Technique, 2020-2030 (US\$ Million)

11.1.1.2.5 Canada Lateral Flow Assay Market, by Test Type, 2020-2030 (US\$ Million)

11.1.1.2.6 Canada Lateral Flow Assay Market, by Application, 2020-2030 (US\$ Million)

11.1.1.2.7 Canada Lateral Flow Assay Market, by End User, 2020-2030 (US\$ Million)

11.1.1.3 Mexico: Lateral Flow Assay Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.3.1 Overview

11.1.1.3.2 Mexico Lateral Flow Assay Market Revenue and Forecasts to 2030 (US\$ Mn)

11.1.1.3.3 Mexico Lateral Flow Assay Market, by Product Type, 2020-2030 (US\$

Million)

11.1.1.3.4 Mexico Lateral Flow Assay Market, by Technique, 2020-2030 (US\$

Million)

11.1.1.3.5 Mexico Lateral Flow Assay Market, by Test Type, 2020-2030 (US\$

Million)

11.1.1.3.6 Mexico Lateral Flow Assay Market, by Application, 2020-2030 (US\$

Million)

11.1.1.3.7 Mexico Lateral Flow Assay Market, by End User, 2020-2030 (US\$

Million)

12. INDUSTRY LANDSCAPE

12.1 Overview

12.2 Growth Strategies in the Lateral Flow Assay Market

12.3 Organic Growth Strategies

12.3.1 Overview

12.4 Inorganic Growth Strategies

12.4.1 Overview

13. COMPANY PROFILES

13.1 F. Hoffmann-La Roche Ltd

13.1.1 Key Facts

13.1.2 Business Description

13.1.3 Products and Services

13.1.4 Financial Overview

13.1.5 SWOT Analysis

13.1.6 Key Developments

13.2 Siemens Healthineers AG

13.2.1 Key Facts

13.2.2 Business Description

13.2.3 Products and Services

13.2.4 Financial Overview

13.2.5 SWOT Analysis

13.2.6 Key Developments

13.3 Becton Dickinson and Co

13.3.1 Key Facts

13.3.2 Business Description

13.3.3 Products and Services

- 13.3.4 Financial Overview
- 13.3.5 SWOT Analysis
- 13.3.6 Key Developments
- 13.4 PerkinElmer Inc
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Hologic Inc
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 QIAGEN NV
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 bioMerieux SA
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 QuidelOrtho Corp
 - 13.8.1 Key Facts
 - 13.8.2 Business Description
 - 13.8.3 Products and Services
 - 13.8.4 Financial Overview
 - 13.8.5 SWOT Analysis
 - 13.8.6 Key Developments
- 13.9 Abbott Laboratories

- 13.9.1 Key Facts
- 13.9.2 Business Description
- 13.9.3 Products and Services
- 13.9.4 Financial Overview
- 13.9.5 SWOT Analysis
- 13.9.6 Key Developments
- 13.10 Merck KGaA
 - 13.10.1 Key Facts
 - 13.10.2 Business Description
 - 13.10.3 Products and Services
 - 13.10.4 Financial Overview
 - 13.10.5 SWOT Analysis
 - 13.10.6 Key Developments
- 13.11 Bio-Rad Laboratories Inc
 - 13.11.1 Key Facts
 - 13.11.2 Business Description
 - 13.11.3 Products and Services
 - 13.11.4 Financial Overview
 - 13.11.5 SWOT Analysis
 - 13.11.6 Key Developments
- 13.12 Thermo Fisher Scientific Inc
 - 13.12.1 Key Facts
 - 13.12.2 Business Description
 - 13.12.3 Products and Services
 - 13.12.4 Financial Overview
 - 13.12.5 SWOT Analysis
 - 13.12.6 Key Developments

14. APPENDIX

- 14.1 About The Insight Partners
- 14.2 Glossary of Terms

I would like to order

Product name: North America Lateral Flow Assay Market Forecast to 2030 - Regional Analysis - by Product Type (Kits & Reagents and Lateral Flow Readers), Technique (Sandwich Assay, Competitive Assays, and Multiplex Detection Assay), Test Type (Lateral Flow Immunoassay and Nucleic Acid Lateral Flow Assay), Application (Clinical Testing, Veterinary Diagnostics, Food Safety & Environment Testing, and Drug Development & Quality Testing), and End User (Hospitals and Clinics, Diagnostics Laboratories, Homecare, Veterinary Clinics, Pharmaceutical & Biotechnology Companies, and Others)

Product link: <https://marketpublishers.com/r/N875CF29336BEN.html>

Price: US\$ 3,550.00 (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/N875CF29336BEN.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