

Lateral Flow Technology And The Future Of Point Of Care Diagnostics, 2nd Edition

<https://marketpublishers.com/r/L70869E4E76EN.html>

Date: July 2013

Pages: 210

Price: US\$ 4,200.00 (Single User License)

ID: L70869E4E76EN

Abstracts

Lateral flow (LF) tests, also known as immunochromatographic strip (ICS) tests, are point of care tests that reduce the time spent waiting for test results from hours to minutes, require less training for operators, and reduce the cost of both device development and care. This report, Lateral Flow Technology and the Future of Point of Care Testing, 2nd Edition, takes an in depth look at the market, technologies, and trends in lateral flow point-of-care testing, looking at both self-testing by patients and at point-of-care testing by healthcare professionals.

Lateral flow devices and tests have been a popular platform for rapid immunoassays since their introduction in the mid-1980s, and since our last look at the market there has been continued interest and innovations. This report profiles over a hundred companies that currently market lateral flow tests. Many of these companies, plus more than ten additional companies, are developing innovations in lateral flow-based devices. Companies profiled in this report use lateral flow technology to develop and market a wide range of rapid tests for market segments of in vitro diagnostic (IVD) tests that can be performed in centralized laboratories.

Every critical aspect of the lateral flow test market is addressed, including the following key topics:

The current sales figures for LF products and realistic projections for 2017

The core factors driving LF testing revenues up.

Breakout of LF-POC market by Self Test and Professional Breakout of LF-POC market by Key Test Segments (Fertility, Infectious Disease, Cardiac Markers,

Oncology, Drugs of Abuse, Other)

The trends to watch that could increase sales predictions.

Need-to-know companies in Lateral Flow Test devices.

Expected gains to be made by LF POC devices over lab-based immunoassays across categories.

Regional markets for lateral flow tests (US, Europe, Japan, ROW)

Obstacles that could trap new entrants.

Growth in lateral flow point-of-care testing is being fueled by many factors fueling growth of the point-of-care market as a whole. These include the globalization of infectious diseases and the associated public health issues, advances in therapies giving physicians more tools for treatment of patients if the doctor is able to rapidly diagnose the problem, the need to monitor an ever-growing group of people with chronic diseases such as cardiovascular diseases, cancer and other chronic conditions, and many other factors. Decentralized testing and the ability to get rapid test results is emerging as a tool for more efficient diagnosis and patient evaluation, and to improve the quality of patient care.

This report provides a realistic assessment acknowledging the reality of payors' emphasis on cost/benefit analysis for new technologies. Current sales and predictions for 2017 sales are provided for the diabetes, oncology, cardiac marker, pregnancy and other LF test markets.

Kalorama's unique and thorough research process provides an exhaustive analysis of this evolving market. Information was gathered using both primary and secondary research including comprehensive research of secondary sources such as company literature, databases, investment reports, and medical and business journals.

Contents

CHAPTER ONE: EXECUTIVE SUMMARY

Overview
Scope and Methodology
Market Overview

CHAPTER TWO: INTRODUCTION

Background – PointofCare and Rapid Testing
Overview of Lateral Flow Devices
Point of View

CHAPTER THREE: TECHNICAL ISSUES AND INNOVATIONS FOR LATERAL FLOW DEVICES

Technical Issues and Hurdles with Lateral Flow Devices
Alternate Test Samples
Automating Reading of Lateral Flow Test Results
Connectivity
Innovations with Lateral Flow Devices
Lateral Flow in Molecular Diagnostics [Nucleic Acid Lateral Flow]
Emerging Technologies Competing Against Lateral Flow

CHAPTER FOUR: ISSUES AND TRENDS

Patent focused drivers
Medical/Healthcare related drivers
Technology drivers
Economic drivers
Other drivers
Advantages and Disadvantages of Lateral Flow POC Testing
 Advantages:
 Disadvantages:

CHAPTER FIVE: MARKET ANALYSIS

Market Overview

Current Markets and Market Forecasts – Lateral Flow PointofCare Testing

- Self Testing/OTC

- Professional Lateral Flow PointofCare Testing

Lateral Flow POC Testing and Rapid Testing in World Markets

- The United States

- Europe

- Rest of World

Market Segments by Test Category

- Fertility (Pregnancy, Ovulation, and Menopause)

- Infectious Disease

 - HIV POC Testing

 - Influenza

 - Tuberculosis

- Cardiac Markers

- Oncology Markers

- Drugs of Abuse and Alcohol

- Other Lateral Flow PointofCare Tests

Locations for Lateral Flow PointofCare Testing

CHAPTER SIX: COMPANIES MARKETING LF POC/RAPID TEST DEVICES

1 Step Detect Associates, LLC

Access Bio, Inc.

AccuBioTech Co., Ltd.

Accumed Biology (Shanghai) Co., Ltd.

Accutech, LLC

Alere Inc.

- Recent Revenue History:

Amedica Biotech

American Bio Medica Corporation

- Recent Revenue History:

- Company Overview and POC Products:

Apacor Ltd.

Artron Laboratories Inc.

Atlas Link Biotech Co., Ltd.

Augurix SA/Augurix Diagnostics

Autobio Diagnostics Co., Ltd.

AZOG, Inc.

BD (Becton Dickinson)

Recent Revenue History:

Company Overview and POC Products:

Beckman Coulter, Inc. (Subsidiary of Danaher Corporation)

Recent Revenue History:

Company Overview and POC Products:

Biocare Diagnostics Ltd.

Biomerica, Inc.

Recent Revenue History

Company Overview and POC Products

bioMérieux sa

Recent Revenue History

Company Overview and POC Products:

Recent Revenue History

Company Overview and POC Products

BioScan Screening Systems, Inc

BioSino BioTechnology and Science Inc.

Blue Cross Biomedical Co., Ltd.

BNTX Inc

Boson Biotech Co., Ltd.

Branan Medical Corporation

BÜHLMANN Laboratories AG

Calypte Biomedical Corporation

Recent Revenue History

Company Overview and POC Products

Recent Revenue History

Company Overview and POC Products

Dr. Fooke Laboratorien GmbH

DRG International, Inc.

Recent Revenue History

Embryotech Laboratories

Enterix Inc. (A Quest Diagnostics Company)

Eurospital Spa

Express Diagnostics International

EY Laboratories, Inc.

First Check Diagnostics Corp. (Subsidiary of Alere)

First Diagnostic LLC

GenBio

Germaine Laboratories

Healgen Scientific LLC

Hema Diagnostic Systems, LLC (HDS)
Hemosure, Inc.
Hightop Biotech Co., Ltd.
IDenta Corporation
ImmunoMycologics, Inc.
ImmunoScience, Inc.
Immunostics, Inc
InBios International, Inc.
Instant Technologies, Inc.
InTec Products, Inc.
International ImmunoDiagnostics
Jant Pharmacal Corporation
Jei Daniel Biotech Corp.
Labsystems Diagnostics Group (Formerly Ani Biotech Oy)
Labtest
LifeSign LLC
Liming BioProducts Co., Ltd.
MagnaBioSciences, LLC
MAVAND Solutions GmbH
Medisensor, Inc.
Mediwatch Plc
Medix Biochemica
MedMira Inc.
Recent Revenue History
Company Overview and POC Products
Recent Revenue History
Company Overview and POC Products
Recent Revenue History
Company Overview and POC Products
Polymed Therapeutics, Inc.
Precheck Bio, Inc.
Prestige Diagnostics
Preventis GmbH
Princeton Biomeditech Corporation
Quidel Corporation
Recent Revenue History
Company Overview and POC Products
RBiopharm AG
Real World Diagnostics

Redwood Toxicology Laboratory, Inc.
ReLIA Diagnostics, Inc.
RENESA UG
 Recent Revenue History
 Company Overview and POC Products
Reszon Diagnostics International Sdn. Bhd.
SA Scientific
Savyon Diagnostics
Screening Devices Canada, Inc.
Sekisui Medical Co., Ltd.
Serascience
Sichuan Maker Biotechnology Co., Ltd.
Standard Diagnostics (Part of Alere)
SureScreen Diagnostics
Syntron Bioresearch, Inc.
Systagenix Wound Management
TECHLAB, Inc.
Teco Diagnostics
Theradiag
Trinity Biotech plc
 Recent Revenue History
 Company Overview and POC Products
Turklab Medical Devices Inc.
UCP Biosciences, Inc.
US Diagnostics, Inc.
VEDA.LAB SA
Viricell S.L.
WAMA Diagnostica
Zhuhai Encode Medical Engineering Co., Ltd.

CHAPTER SEVEN: COMPANIES ENTERING LF POC/RAPID TEST MARKET OR LAUNCHING NOVEL TESTS

Alverix, Inc.
Arbor Vita Corporation
Axxin
BioAMD Ltd.
BioMedomics
Corgenix Medical Corporation

Epinex Diagnostics, Inc.

Genisphere, LLC

GenPrime, Inc.

Mesa Tech International, Inc.

TwistDx, Ltd.

Venaxis, Inc. (Formerly Aspen BioPharma, Inc.)

List Of Exhibits

LIST OF EXHIBITS

CHAPTER ONE: EXECUTIVE SUMMARY

Table 11: Lateral Flow Rapid Test Sales, Worldwide, 2012 and 2017

CHAPTER THREE: TECHNICAL ISSUES AND INNOVATIONS FOR LATERAL FLOW DEVICES

Table 31: Selected Companies with Saliva or OralFluid Collection Devices

Table 32: Selected Companies With Readers for Lateral Flow Devices

Table 33: Selected Companies Developing and/or Marketing Innovations in LFT

Table 34: Selected Companies Using Lateral Flow in Molecular Diagnostics

Table 35: Selected Companies Developing and/or Marketing POC Diagnostic Platforms that May Compete with Lateral Flow Immunoassays

CHAPTER FOUR: ISSUES AND TRENDS

Table 41: Selected Companies Outside of North America, Europe, or Japan Marketing Lateral Flow Diagnostic Tests

CHAPTER FIVE: MARKET ANALYSIS

Table 51: Lateral Flow OTC/SelfTest Sales by Test Category, Worldwide, 2012 and 2017 (Fertility, Infectious Disease, Cardiac Markers, Oncology, Drugs of Abuse, Other)

Table 52: Lateral Flow Professional POC/Rapid Test Sales by Test Category, Worldwide, 2012 and 2017 (Fertility, Infectious Disease, Cardiac Markers, Oncology, Drugs of Abuse, Other)

Table 53: PointofCare Test Sales by Region, 2012 and 2017 (All POC Tests)

Table 54: Worldwide POC/Rapid Test Sales by Test Category, 2012 and 2017 (Fertility, Infectious Disease, Cardiac Markers, Oncology, Drugs of Abuse, Other)

Table 55: Selected Companies Marketing Fertility LFBased Tests

Table 56: Selected Companies Marketing Infectious Disease LFBased Tests

Table 57: Selected Companies Marketing LFBased Cardiac Marker Tests

Table 58: Selected Companies Marketing LF Oncology LFBased Tests

Table 59: Selected Companies Marketing Drugs of Abuse LFBased Tests

Table 510: Selected Companies Marketing Other LFBased Tests

About

Market leaders for traditional rapid infectious disease tests include the market leader Alere, Becton Dickinson (BD), Meridian, and Quidel. Other companies in this market include Acon Labs, Beckman, Polymedco, Princeton BioMediTech, and Trinity Diagnostics.

A number of people in companies in the POC industry have hoped that POC tests for H. pylori, Strep A, influenza, Lyme diseases and STDs (chlamydia and gonorrhea) would be more widely used. However, this has not happened to date. Many companies have developed POC tests for these and other infectious diseases, only to find that their markets have remained small.

One barrier has been the need to use serum samples for these tests. Also, these tests often take at least 30 minutes, and patients often did not want to sit around waiting for the test result. Another significant hurdle is that the POC tests for these infectious agents have not been as sensitive as the tests used in central laboratories. Many of the central lab tests for these infectious are based on molecular diagnostic platforms that detect DNA and RNA.

This market will change soon, as several companies are developing molecular diagnostic platforms that can detect the DNA or RNA of a pathogen in the near-patient or POC setting. In addition, companies are making significant advances with urine and saliva-based assays. The resulting increased availability of noninvasive alternatives to blood testing is expected to provide a number of important public health implications. A system without needles or blood is inherently safer for healthcare workers than a test involving blood collection.

Research has shown that many people reluctant to undergo a blood test for HIV testing are willing to give an oral sample for this purpose. Non-invasive test systems are portable and simple to use, require minimal training, which means they can reduce health personnel costs and can be used outside of the traditional treatment setting.

I would like to order

Product name: Lateral Flow Technology And The Future Of Point Of Care Diagnostics, 2nd Edition

Product link: <https://marketpublishers.com/r/L70869E4E76EN.html>

Price: US\$ 4,200.00 (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/L70869E4E76EN.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