

Global Microfluids Market Outlook 2020

<https://marketpublishers.com/r/G9CC8A55DCBEN.html>

Date: June 2015

Pages: 60

Price: US\$ 1,500.00 (Single User License)

ID: G9CC8A55DCBEN

Abstracts

The healthcare segment is featured with microfluidic applications which refers to the flow of biological liquids through micro channels ranging from nanolitres to few picolitres. This newest approach adds several benefits to the medical world, such as large surface to volume ratio, less reagent consumption, quick diagnosis and high accuracy of the results. Thus, the emerging field of 'microfluidics or 'Lab-on-chip' is slowly penetrating into segments like genomics and drug delivery. Though microfluidic devices have the potential to be fast, cheap and portable diagnostic tools, the technology hasn't yet completely made it to the marketplace. The majority of the devices is either in the development stage or meant for research purposes.

The latest edition unveiled by RNCOS entitled "Global Microfluids Market Outlook 2020", describes the overall microfluidics industry landscape with core emphasis on healthcare applications. According to analysis, the market for healthcare microfluidic devices was worth US\$2.5 Billion in 2014 and is poised for a double digit growth during the forecasted period (2014-2020). The new report throws light on the distribution of microfluidics technology by application, type of material and territory. In addition to this, the study covers latest trends capturing the market since last two years.

The analysis identified that rising R&D investments, proven accuracy of the microfluidics in point of care diagnostics, and increasing demand in life science research are contributing to the healthy growth of the microfluidics industry. On the contrary, manufacturing difficulties and high capital investment for lab-on-chip devices are two of the major challenges faced by this sector.

The key vendors dominating the market space are Fluidigm Corp., Roche, RainDance Technologies, Inc., Agilent Technologies Inc., Illumina, Inc., Shimadzu; Abbott Laboratories; GE Healthcare etc. Finally, the report covers key strengths and weaknesses, and recent developments on the competitive front. Thus, it provides a

comprehensive analysis of the microfluidics technology, which will enable investors to design suitable business strategies to target the billion dollar market.

Contents

1. ANALYST VIEW

2. RESEARCH METHODOLOGY

3. MICROFLUIDICS - AN INTRODUCTION

4. MICROFLUIDICS MARKET OVERVIEW

4.1 Microfluidics Market

4.2 Healthcare Microfluidics Market

5. DRIVERS & CHALLENGES

5.1 Drivers

5.1.1 Rising Incidence of Chronic Diseases

5.1.2 Increase in demand in Point of care diagnostics

5.1.3 Rising application in Lifesciences research

5.1.4 Benefits of miniaturization of chip

5.2 Challenges

5.2.1 Manufacturing Difficulties & High cost of lab-on chips instruments

5.2.2 Ambiguous Regulatory Framework

5.2.3 Lack of Awareness in Emerging Markets

6. MARKET SEGMENTATION

6.1 By Applications

6.2 By Geography

6.3 By Material

7. REGULATORY SCENARIO

7.1 US

7.2 Europe

7.3 Asia-Pacific

7.3.1 India

7.3.2 China

8. TRENDS & DEVELOPMENTS

8.1 Grants Announced for Microfluidics research

8.2 Mergers & Acquisitions

9. COMPETITIVE ASSESSMENT

9.1 Fluidigm Corporation

9.2 Roche Diagnostics

9.3 RainDance Technologies

9.4 Thermo Fisher Scientific

9.5 Agilent Technologies Inc.

9.6 Perkin Elmer

9.7 Illumina, Inc.

9.8 Shimadzu

List Of Figures

LIST OF FIGURES:

- Figure 4-1: Global - Microfluidics Market (Billion US\$), 2014-2020
- Figure 4-2: Share of Healthcare in Global Microfluidics Market (%), 2014 & 2020
- Figure 4-3: Global - Healthcare Microfluidics Market (Billion US\$), 2014-2020
- Figure 6-1: Global - Healthcare Microfluidics Market by Applications (%), 2014
- Figure 6-2: Global - Healthcare Microfluidics Market by Geography (%), 2014
- Figure 6-3: Global - Healthcare Microfluidics Market by Material (%), 2014
- Figure 9-1: Fluidigm Corporation - Revenue Breakup by Geography (%), 2014
- Figure 9-2: Roche Diagnostics- Revenue Breakup by Geography (%), 2014
- Figure 9-3: RainDance Technologies - Revenue Breakup by Geography (%), 2014
- Figure 9-4: Thermo Fisher Scientific - Revenue Breakup by Geography (%), 2014
- Figure 9-5: Agilent Technologies Inc. - Revenue Breakup by Geography (%), 2014
- Figure 9-6: Perkin Elmer- Revenue Breakup by Geography (%), 2014
- Figure 9-7: Illumina Inc. - Revenue Breakup by Geography (%), 2014
- Figure 9-8: Shimadzu - Revenue Break up by Geography (%), 2014

List Of Tables

LIST OF TABLES:

Table 5-1: Cost Involved in Microfluidics Chips

Table 8-1: List of Grants Announced for Microfluidics Research (2013-2015)

Table 9-1: Fluidigm Corporation - Revenue by Business Segments (Million US\$), 2012-2014

Table 9-2: Roche Diagnostics - Revenue by Business Segments (Million US\$), 2012-2014

Table 9-3: RainDance Technologies - Revenue by Business Segments (Million US\$), 2012- 2014

Table 9-4: Thermo Fisher Scientific - Revenue by Business Segments (Million US\$), 2012- 2014

Table 9-5: Agilent Technologies Inc. - Revenue by Business Segments (Million US\$), 2012- 2014

Table 9-6: Perkin Elmer - Revenue by Business Segments (Million US\$), 2012- 2014

Table 9-7: Illumina Inc. - Revenue by Business Segments (Million US\$), 2012- 2014

Table 9-8: Shimadzu - Revenue by Business Segments (Million US\$), 2012- 2014

I would like to order

Product name: Global Microfluids Market Outlook 2020

Product link: <https://marketpublishers.com/r/G9CC8A55DCBEN.html>

Price: US\$ 1,500.00 (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/G9CC8A55DCBEN.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