

Microfluidics Market by Product (Device, Component (Chip, Sensor, Microneedle, Pump, Valve), Application (IVD (POC, Clinical, Vet), Research (Proteomic, Genomic, Cell-based, Capillary), Manufacturing), End User (Pharma, Hospital) - Global Forecast to 2028

<https://marketpublishers.com/r/M4D8A225622EN.html>

Date: September 2023

Pages: 357

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

ID: M4D8A225622EN

Abstracts

The microfluidics market is valued at an estimated USD 22.3 billion in 2023 and is projected to reach USD 41.1 billion by 2028, at a CAGR of 13.0% during the forecast period. Microfluidics technologies minimize the overall cost of the drug development process by providing quick analysis, reduced reagent use, and reliable results of tests. Besides all of these factors, the demand for microfluidics technology is rising as a result of the expanding use and acceptance of point-of-care diagnostics tools like glucose monitors and pregnancy test kits.

“The microfluidic-based devices segment is projected to witness the highest growth in the microfluidics market, by type of products, during the forecast period.”

The microfluidics market can be broadly classified into microfluidic-based devices and microfluidic components, depending on the product. The microfluidics market by product was dominated by the microfluidic-based devices segment in 2022. This segment's highest growth rate can be largely attributed to the growing use of technologically sophisticated microfluidic-based devices in pharmaceutical and life science research, the increasing requirement for laboratory equipment miniaturization, increasing consumer demand for microfluidic-based PoC testing, and the growing application of microfluidic technology for drug discovery.

“The microfluidic chips segment, by product type, has the highest rate during the forecast period.”

The flow and pressure sensors, flow and pressure controllers, micropumps, microfluidic valves, microneedles, and other microfluidic components are the types of microfluidic components that make up the market by type. In 2022, the market for microfluidic components was dominated by the microfluidic chips category. The growth of this microfluidic market segment is attributed to factors such as rising demand for PoC testing, rising preference for personalized medicine, rising number of drug discovery and life science research activities, rising need for high-speed diagnostics, and rising government funding.

“Asia Pacific market to witness the highest growth during the forecast period.”

During the forecast period, APAC is anticipated to grow at the fastest rate. The major factors promoting the growth of the microfluidics market in this region are the growing number of elderly people, rising per capita income, growing investments in the healthcare industry by key players, increasing demands for advanced technologies, and expansion of private sector hospitals to rural areas in various countries in the Asia Pacific.

A breakdown of the primary participants (supply-side) for the microfluidics market referred to for this report is provided below:

a

By Company Type: Tier 1: 42%, Tier 2: 35%, and Tier 3: 23%

By Designation: C-level Executives: 28%, Directors: 35%, and Others: 37%

By Region: North America: 33%, Europe: 24%, Asia Pacific: 18%, Latin America: 10%; Middle East: 10%; Africa: 5%

The prominent players operating in the microfluidics market are Parker Hannifin Corporation (US), SMC Corporation (Japan), Bio-Rad Laboratories, Inc. (US), Thermo Fisher Scientific Inc. (US), PerkinElmer, Inc. (US), Agilent Technologies, Inc. (US), Fluigent SA (France), Aignep S.P.A. (Italy), Camozzi Automation SPA Societ? Unipersonale (Italy), Dolomite microfluidics (UK), Elveflow (France), Becton, Dickinson and Company (US), Illumina Inc. (US), F. Hoffmann-La Roche Ltd, IDEX Corporation (US), Danaher Corporation (US), Cellix Limited (Ireland), Fortive Corporation (US),

(Switzerland), Fluidigm Corporation (US) and Abbott Laboratories (US).

Research Coverage:

The market study covers the microfluidics market across various segments. It aims at estimating the market size and the growth potential of this market across different segments by product, application, end-user, and region. The study also includes an in-depth competitive analysis of the key players in the market, along with their company profiles, key observations related to their product and business offerings, recent developments, and key market strategies.

Reasons to Buy the Report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall microfluidics market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report provides insights into the following pointers:

Analysis of key drivers (Rising demand for point-of-care testing, Rising technological advancements, Increasing focus on data precision and accuracy, Highly economical, Rapid testing and improved portability through microfluidic chip miniaturization), restraints (Complex and time-consuming regulatory approval process, Incorporation of the microfluidics into existing workflows), opportunities (Emergence of microfluidic-based 3D cell culture systems, Asia—a key growth market, Expanding applications of drug delivery technologies using microfluidics, Growing applications of microfluidics in the life sciences and pharmaceutical industries) and challenges (Standardization/commercialization of microfluidic devices) influencing the growth of the microfluidics market

Market Penetration: Comprehensive information on product portfolios offered by the top players in the global microfluidics market. The report analyzes this market by type of product, application, and region.

Product Enhancement/Innovation: Detailed insights on upcoming trends and

product launches in the global microfluidics market.

Market Development: Comprehensive information on the lucrative emerging markets by type of product , application, and region.

Market Diversification: Exhaustive information about new products and services, growing geographies, recent developments, and investments in the global microfluidics market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, product and service offerings, and capabilities of leading players in the global microfluidics market.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
 - 1.2.1 PRODUCT DEFINITIONS
 - 1.2.2 INCLUSIONS & EXCLUSIONS
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED
- 1.4 CURRENCY
- 1.5 SCOPE-RELATED LIMITATIONS
- 1.6 STAKEHOLDERS
- 1.7 SUMMARY OF CHANGES
 - 1.7.1 ADDITION OF RECESSION IMPACT

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - FIGURE 1 RESEARCH DESIGN
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - FIGURE 2 PRIMARY SOURCES
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - FIGURE 3 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION
 - FIGURE 4 BREAKDOWN OF PRIMARY INTERVIEWS: SUPPLY-SIDE AND DEMAND-SIDE PARTICIPANTS
 - 2.2 MARKET SIZE ESTIMATION
 - FIGURE 5 SUPPLY-SIDE MARKET SIZE ESTIMATION: REVENUE SHARE ANALYSIS
 - FIGURE 6 REVENUE SHARE ANALYSIS ILLUSTRATION: DANAHER CORPORATION
 - FIGURE 7 REVENUE ANALYSIS OF TOP FOUR COMPANIES: MICROFLUIDICS-BASED DEVICES MARKET (2022)
 - FIGURE 8 CAGR PROJECTIONS FROM ANALYSIS OF DRIVERS, RESTRAINTS,

OPPORTUNITIES, AND CHALLENGES OF MICROFLUIDICS MARKET (2023–2028)

FIGURE 9 CAGR PROJECTIONS: SUPPLY-SIDE ANALYSIS

FIGURE 10 TOP-DOWN APPROACH

2.3 MARKET BREAKDOWN & DATA TRIANGULATION

FIGURE 11 MARKET DATA TRIANGULATION METHODOLOGY

2.4 MARKET SHARE ANALYSIS

2.5 STUDY ASSUMPTIONS

2.6 LIMITATIONS

2.7 RISK ASSESSMENT

TABLE 1 RISK ASSESSMENT: MICROFLUIDICS MARKET

2.8 RECESSION IMPACT ANALYSIS

3 EXECUTIVE SUMMARY

FIGURE 12 MICROFLUIDICS MARKET, BY PRODUCT, 2023 VS. 2028 (USD MILLION)

FIGURE 13 MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2023 VS. 2028 (USD MILLION)

FIGURE 14 MICROFLUIDICS MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)

FIGURE 15 MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2023 VS. 2028 (USD MILLION)

FIGURE 16 MICROFLUIDICS MARKET, BY END USER, 2023 VS. 2028 (USD MILLION)

FIGURE 17 GEOGRAPHIC SNAPSHOT: MICROFLUIDICS MARKET

4 PREMIUM INSIGHTS

4.1 MICROFLUIDICS MARKET OVERVIEW

FIGURE 18 RISING DEMAND FOR POCT TO DRIVE GLOBAL MICROFLUIDICS MARKET

4.2 ASIA PACIFIC: MICROFLUIDICS MARKET, BY APPLICATION & COUNTRY

FIGURE 19 IVD HELD LARGEST SHARE OF APAC MICROFLUIDICS MARKET IN 2022

4.3 MICROFLUIDICS MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES

FIGURE 20 CHINA TO REGISTER HIGHEST GROWTH RATE DURING FORECAST PERIOD

4.4 REGIONAL MIX: MICROFLUIDICS MARKET (2021–2028)

FIGURE 21 NORTH AMERICA TO DOMINATE MICROFLUIDICS MARKET

THROUGHOUT FORECAST PERIOD

4.5 MICROFLUIDICS MARKET: DEVELOPED VS. EMERGING ECONOMIES

FIGURE 22 EMERGING ECONOMIES TO REGISTER HIGHER GROWTH RATES
TILL 2028

5 MARKET OVERVIEW

5.1 MARKET DYNAMICS

FIGURE 23 MICROFLUIDICS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES,
AND CHALLENGES

5.1.1 MARKET DRIVERS

5.1.1.1 Rising demand for point-of-care testing

FIGURE 24 GLOBAL CANCER INCIDENCE, 2020–2040

5.1.1.2 Rising technological advancements

TABLE 2 PRODUCT LAUNCHES BY MAJOR PLAYERS IN LAST THREE YEARS

5.1.1.3 Increasing focus on data precision and accuracy

5.1.1.4 Highly economical solution

5.1.1.5 Rapid testing and improved portability through microfluidic chip miniaturization

5.1.2 MARKET RESTRAINTS

5.1.2.1 Complex and time-consuming regulatory approval process

5.1.2.2 Incorporation of microfluidics into existing workflows

5.1.3 MARKET OPPORTUNITIES

5.1.3.1 Emergence of microfluidic-based 3D cell culture systems

5.1.3.2 Growth opportunities in Asia

5.1.3.3 Expanding applications of drug delivery technologies using microfluidics

5.1.3.4 Growing applications of microfluidics in life science & pharmaceutical

industries

5.1.4 MARKET CHALLENGES

5.1.4.1 Standardization/commercialization of microfluidic devices

5.2 INDUSTRY TRENDS

5.2.1 SHIFTING TREND TOWARD E-HEALTH DIAGNOSTICS WITH INTEGRATION
OF MICROFLUIDICS-BASED POC DEVICES

5.2.2 ADOPTION OF 3D PRINTING IN MICROFLUIDICS

5.2.3 SHIFTING TREND TOWARDS ADOPTION OF POLYMERS

5.2.4 UNIVERSITIES ACTIVELY INVESTING IN MICROFLUIDIC STARTUPS

TABLE 3 LIST OF UNIVERSITY STARTUPS IN MICROFLUIDICS MARKET

5.3 VALUE CHAIN ANALYSIS

FIGURE 25 MICROFLUIDICS MARKET: VALUE CHAIN ANALYSIS

5.3.1 MICROFLUIDIC COMPONENTS PROCUREMENT MODEL OF MAJOR

PLAYERS

5.4 SUPPLY CHAIN ANALYSIS

FIGURE 26 MICROFLUIDICS MARKET: SUPPLY CHAIN ANALYSIS

5.5 ECOSYSTEM MARKET MAP

FIGURE 27 MICROFLUIDICS MARKET: ECOSYSTEM MARKET MAP

5.6 PORTER'S FIVE FORCES ANALYSIS

5.6.1 THREAT OF NEW ENTRANTS

5.6.2 THREAT OF SUBSTITUTES

5.6.3 BARGAINING POWER OF SUPPLIERS

5.6.4 BARGAINING POWER OF BUYERS

5.6.5 INTENSITY OF COMPETITIVE RIVALRY

5.7 REGULATORY ANALYSIS

5.7.1 NORTH AMERICA

5.7.1.1 US

TABLE 4 US: CLASSIFICATION OF MICROFLUIDICS TECHNOLOGY-ASSOCIATED DIAGNOSTIC DEVICES

FIGURE 28 US: REGULATORY PROCESS FOR TESTING DEVICES ASSOCIATED WITH MICROFLUIDICS TECHNOLOGY

5.7.1.2 Canada

TABLE 5 CANADA: TIME, COST, AND COMPLEXITY OF REGISTRATION

FIGURE 29 CANADA: REGULATORY PROCESS FOR MICROFLUIDICS-ASSOCIATED IVD DEVICES IN CANADA

5.7.2 EUROPE

TABLE 6 EUROPE: CLASSIFICATION OF MICROFLUIDICS ASSOCIATED WITH IVD DEVICES

FIGURE 30 EUROPE: REGULATORY PROCESS FOR IVD DEVICES

5.7.3 ASIA PACIFIC

5.7.3.1 Japan

TABLE 7 JAPAN: TIME, COST, AND COMPLEXITY OF REGISTRATION

5.7.3.2 China

TABLE 8 CHINA: TIME, COST, AND COMPLEXITY OF REGISTRATION

5.7.3.3 India

FIGURE 31 INDIA: REGULATORY PROCESS FOR IVD DEVICES

5.8 PATENT ANALYSIS

5.8.1 PATENT PUBLICATION TRENDS FOR MICROFLUIDICS

FIGURE 32 PATENT PUBLICATION TRENDS (2013–SEPTEMBER 2023)

5.8.2 INSIGHTS: JURISDICTION AND TOP APPLICANT ANALYSIS

FIGURE 33 TOP APPLICANTS AND OWNERS (COMPANIES/INSTITUTIONS) FOR MICROFLUIDICS PATENTS (JANUARY 2013–AUGUST 2023)

FIGURE 34 TOP APPLICANT COUNTRIES/REGIONS FOR MICROFLUIDICS PATENTS (JANUARY 2013–SEPTEMBER 2023)

5.9 TECHNOLOGY ANALYSIS

5.9.1 KEY TECHNOLOGIES

5.9.1.1 Biorecognition elements

5.9.1.2 Material science

5.9.1.3 Microfabrication

5.9.1.4 Direct-write

5.9.2 COMPLEMENTARY TECHNOLOGIES

5.9.2.1 MEMS

5.9.2.1.1 Micropumps

5.9.2.1.2 Microneedles

5.9.2.1.3 Microsensors/Transducers

5.9.3 ADJACENT TECHNOLOGIES

5.9.3.1 3D printing

5.9.3.2 Lab-on-fiber

5.9.4 KEY CONFERENCES & EVENTS

TABLE 9 MICROFLUIDICS MARKET: KEY CONFERENCES & EVENTS (2023–2024)

5.10 KEY STAKEHOLDERS & BUYING CRITERIA

5.10.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 35 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR MICROFLUIDICS MARKET

TABLE 10 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR MICROFLUIDICS MARKET

5.10.2 BUYING CRITERIA

FIGURE 36 KEY BUYING CRITERIA FOR MICROFLUIDICS MARKET

TABLE 11 KEY BUYING CRITERIA FOR MICROFLUIDICS MARKET

5.11 PRICING ANALYSIS

5.11.1 AVERAGE SELLING PRICE OF KEY PLAYERS, BY PRODUCT

5.11.2 AVERAGE SELLING PRICE TREND, BY COMPONENT

5.12 END-USER PERSPECTIVE & UNMET NEEDS

5.13 AI INTEGRATION IN MICROFLUIDICS MARKET

5.13.1 ARTIFICIAL INTELLIGENCE AND MICROFLUIDICS (PROJECT LOCAL)

5.13.2 AI AND MICROFLUIDICS TO BARCODE INDIVIDUAL CELLS

5.13.3 ARTIFICIAL INTELLIGENCE-CONTROLLED MICROFLUIDIC DEVICES FOR FLUID AUTOMATION AND BUBBLE REMOVAL OF IMMUNOASSAYS

6 MICROFLUIDICS MARKET, BY PRODUCT

6.1 INTRODUCTION

TABLE 12 MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

6.2 MICROFLUIDICS-BASED DEVICES

6.2.1 RISING ADOPTION ATTRIBUTED TO VARIOUS ADVANTAGES OF MICROFLUIDICS DEVICES

TABLE 13 MICROFLUIDICS-BASED DEVICES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3 MICROFLUIDIC COMPONENTS

TABLE 14 MICROFLUIDIC COMPONENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1 BY TYPE

TABLE 15 MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

6.3.1.1 Microfluidic chips

6.3.1.1.1 Chips to hold largest share of components market

TABLE 16 MICROFLUIDIC CHIPS OFFERED BY KEY PLAYERS

TABLE 17 MICROFLUIDIC CHIPS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1.2 Flow & pressure sensors

6.3.1.2.1 Advantages in cytometry and POCT To drive adoption in labs and research institutes

TABLE 18 FLOW & PRESSURE SENSORS OFFERED BY KEY PLAYERS

TABLE 19 FLOW & PRESSURE SENSORS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1.3 Flow & pressure controllers

6.3.1.3.1 High accuracy and control to boost growth

TABLE 20 FLOW & PRESSURE CONTROLLERS OFFERED BY KEY PLAYERS

TABLE 21 FLOW & PRESSURE CONTROLLERS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1.4 Microfluidic valves

6.3.1.4.1 Importance of valves in microfluidics to ensure sustained demand

TABLE 22 MICROFLUIDIC VALVES OFFERED BY KEY PLAYERS

TABLE 23 MICROFLUIDIC VALVES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1.5 Micropumps

6.3.1.5.1 Need for precise fluid control and device miniaturization to support demand

TABLE 24 MICROPUMPS OFFERED BY KEY PLAYERS

TABLE 25 MICROPUMPS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1.6 Microneedles

6.3.1.6.1 Convenience, painlessness, and widespread availability of injectable drugs to boost adoption

TABLE 26 MICRONEEDLES OFFERED BY KEY PLAYERS

TABLE 27 MICRONEEDLES MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.1.7 Other components

TABLE 28 OTHER MICROFLUIDIC COMPONENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.2 BY MATERIAL

TABLE 29 MICROFLUIDIC COMPONENTS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

6.3.2.1 Silicon

6.3.2.1.1 Silicon to dominate materials market

TABLE 30 SILICON-BASED MICROFLUIDIC COMPONENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.2.2 Polymers

6.3.2.2.1 Higher performance than glass or silicon to drive adoption

TABLE 31 POLYMER-BASED MICROFLUIDIC COMPONENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

6.3.2.3 Glass

6.3.2.3.1 Fragility of glass-based components to limit adoption

TABLE 32 GLASS-BASED MICROFLUIDIC COMPONENTS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

7 MICROFLUIDICS MARKET, BY APPLICATION

7.1 INTRODUCTION

TABLE 33 MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

7.2 IVD

TABLE 34 MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 35 MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.1 CLINICAL DIAGNOSTICS

7.2.1.1 Rising viral outbreaks to drive market

TABLE 36 MICROFLUIDICS MARKET FOR CLINICAL DIAGNOSTICS, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.2 POCT

7.2.2.1 POCT to hold second-largest share in IVD segment

TABLE 37 MICROFLUIDICS MARKET FOR POCT, BY COUNTRY, 2021–2028 (USD MILLION)

7.2.3 VETERINARY DIAGNOSTICS

7.2.3.1 Growing need for low-cost, rapid, and reliable diagnostic results in veterinary medicine to support market growth

TABLE 38 MICROFLUIDICS MARKET FOR VETERINARY DIAGNOSTICS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3 PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING

TABLE 39 MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 40 MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.1 LAB ANALYTICS

TABLE 41 MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 42 MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.1.1 Proteomic analysis

7.3.1.1.1 Increasing demand for rapid proteomic analysis in drug development to propel market

TABLE 43 MICROFLUIDICS MARKET FOR PROTEOMIC ANALYSIS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.1.2 Genomic analysis

7.3.1.2.1 Increasing focus on decoding genomes to boost adoption of microfluidics in genomics

TABLE 44 MICROFLUIDICS MARKET FOR GENOMIC ANALYSIS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.1.3 Cell-based assays

7.3.1.3.1 Increasing focus on microfluidic cell-based assays for rapid drug development to support market growth

TABLE 45 MICROFLUIDICS MARKET FOR CELL-BASED ASSAYS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.1.4 Capillary electrophoresis

7.3.1.4.1 Combination of microfluidic capillary electrophoresis with other technologies to drive market

TABLE 46 MICROFLUIDICS MARKET FOR CAPILLARY ELECTROPHORESIS, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.2 MICRODISPENSING

7.3.2.1 Low sample & reagent consumption and ease of use to propel adoption of microdispensing systems

TABLE 47 MICROFLUIDICS MARKET FOR MICRODISPENSING, BY COUNTRY, 2021–2028 (USD MILLION)

7.3.3 MICROREACTIONS

7.3.3.1 Increasing need for optimizing research and production to boost usage of microreaction technology

TABLE 48 MICROFLUIDICS MARKET FOR MICROREACTIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.4 THERAPEUTICS

TABLE 49 MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 50 MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY COUNTRY, 2021–2028 (USD MILLION)

7.4.1 DRUG DELIVERY

7.4.1.1 Drug discovery to hold largest share

TABLE 51 MICROFLUIDICS MARKET FOR DRUG DELIVERY, BY COUNTRY, 2021–2028 (USD MILLION)

7.4.2 WEARABLE DEVICES

7.4.2.1 Increasing demand for microfluidics-integrated wearable devices to boost growth

TABLE 52 MICROFLUIDICS MARKET FOR WEARABLE DEVICES, BY COUNTRY, 2021–2028 (USD MILLION)

8 MICROFLUIDICS MARKET, BY END USER

8.1 INTRODUCTION

TABLE 53 MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

8.2 HOSPITALS & DIAGNOSTIC CENTERS

8.2.1 HOSPITALS & DIAGNOSTIC CENTERS TO DOMINATE END-USER MARKET

TABLE 54 MICROFLUIDICS MARKET FOR HOSPITALS & DIAGNOSTIC CENTERS, BY COUNTRY, 2021–2028 (USD MILLION)

8.3 ACADEMIC & RESEARCH INSTITUTES

8.3.1 GROWING USE OF MICROFLUIDICS IN R&D AND RISING FUNDING TO FAVOR MARKET

TABLE 55 MICROFLUIDICS MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021–2028 (USD MILLION)

8.4 PHARMACEUTICAL & BIOTECHNOLOGY COMPANIES

8.4.1 GROWING FOCUS ON LAUNCHING QUALITY DRUGS TO DRIVE MARKET
FIGURE 37 FDA APPROVALS FOR PERSONALIZED MEDICINE (2018–2022)
TABLE 56 MICROFLUIDICS MARKET FOR PHARMACEUTICAL &
BIOTECHNOLOGY COMPANIES, BY COUNTRY, 2021–2028 (USD MILLION)

9 MICROFLUIDICS MARKET, BY REGION

9.1 INTRODUCTION

FIGURE 38 MICROFLUIDICS MARKET: GEOGRAPHIC SNAPSHOT (2022)
TABLE 57 MICROFLUIDICS MARKET, BY REGION, 2021–2028 (USD MILLION)

9.2 NORTH AMERICA

9.2.1 NORTH AMERICA: RECESSION IMPACT

FIGURE 39 NORTH AMERICA: MICROFLUIDICS MARKET SNAPSHOT
TABLE 58 NORTH AMERICA: MICROFLUIDICS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)
TABLE 59 NORTH AMERICA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)
TABLE 60 NORTH AMERICA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)
TABLE 61 NORTH AMERICA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)
TABLE 62 NORTH AMERICA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)
TABLE 63 NORTH AMERICA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)
TABLE 64 NORTH AMERICA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)
TABLE 65 NORTH AMERICA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)
TABLE 66 NORTH AMERICA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)
TABLE 67 NORTH AMERICA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)
9.2.2 US
9.2.2.1 US to dominate North American microfluidics market
TABLE 68 US: KEY MACROINDICATORS
TABLE 69 US: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 70 US: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 71 US: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 72 US: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 73 US: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 74 US: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 75 US: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 76 US: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 77 US: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.2.3 CANADA

9.2.3.1 Strong infrastructure and availability of funding for biomedical research to support market growth

TABLE 78 CANADA: KEY MACROINDICATORS

TABLE 79 CANADA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 80 CANADA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 81 CANADA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 82 CANADA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 83 CANADA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 84 CANADA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 85 CANADA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 86 CANADA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 87 CANADA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD

MILLION)

9.3 EUROPE

9.3.1 EUROPE: RECESSION IMPACT

TABLE 88 EUROPE: MICROFLUIDICS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 89 EUROPE: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 90 EUROPE: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 91 EUROPE: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 92 EUROPE: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 93 EUROPE: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 94 EUROPE: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 95 EUROPE: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 96 EUROPE: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 97 EUROPE: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.2 GERMANY

9.3.2.1 Germany to dominate European market

TABLE 98 GERMANY: KEY MACROINDICATORS

TABLE 99 GERMANY: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 100 GERMANY: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 101 GERMANY: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 102 GERMANY: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 103 GERMANY: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 104 GERMANY: MICROFLUIDICS MARKET FOR LAB ANALYTICS

APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 105 GERMANY: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 106 GERMANY: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 107 GERMANY: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.3 FRANCE

9.3.3.1 Strong government support for genomics and proteomics research to drive market

TABLE 108 FRANCE: KEY MACROINDICATORS

TABLE 109 FRANCE: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 110 FRANCE: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 111 FRANCE: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 112 FRANCE: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 113 FRANCE: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 114 FRANCE: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 115 FRANCE: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 116 FRANCE: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 117 FRANCE: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.4 UK

9.3.4.1 Increasing incidence of infectious diseases to drive demand for POCT and microfluidics

TABLE 118 UK: KEY MACROINDICATORS

TABLE 119 UK: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 120 UK: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 121 UK: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD

MILLION)

TABLE 122 UK: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 123 UK: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 124 UK: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 125 UK: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 126 UK: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 127 UK: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.5 ITALY

9.3.5.1 Increasing demand for POCT to aid market growth

TABLE 128 ITALY: KEY MACROINDICATORS

TABLE 129 ITALY: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 130 ITALY: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 131 ITALY: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 132 ITALY: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 133 ITALY: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 134 ITALY: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 135 ITALY: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 136 ITALY: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

TABLE 137 ITALY: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

9.3.6 SPAIN

9.3.6.1 Increasing incidence of infectious and chronic diseases to drive market

TABLE 138 SPAIN: KEY MACROINDICATORS

TABLE 139 SPAIN: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 140 SPAIN: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 141 SPAIN: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 142 SPAIN: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 143 SPAIN: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 144 SPAIN: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 145 SPAIN: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 146 SPAIN: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 147 SPAIN: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.3.7 REST OF EUROPE

TABLE 148 REST OF EUROPE: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 149 REST OF EUROPE: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 150 REST OF EUROPE: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 151 REST OF EUROPE: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 152 REST OF EUROPE: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 153 REST OF EUROPE: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 154 REST OF EUROPE: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 155 REST OF EUROPE: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 156 REST OF EUROPE: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4 ASIA PACIFIC

9.4.1 ASIA PACIFIC: RECESSION IMPACT

FIGURE 40 ASIA PACIFIC: MICROFLUIDICS MARKET SNAPSHOT

TABLE 157 ASIA PACIFIC: MICROFLUIDICS MARKET, BY COUNTRY, 2021–2028
(USD MILLION)

TABLE 158 ASIA PACIFIC: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028
(USD MILLION)

TABLE 159 ASIA PACIFIC: MICROFLUIDIC COMPONENTS MARKET, BY TYPE,
2021–2028 (USD MILLION)

TABLE 160 ASIA PACIFIC: MICROFLUIDICS MARKET, BY APPLICATION,
2021–2028 (USD MILLION)

TABLE 161 ASIA PACIFIC: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY
TYPE, 2021–2028 (USD MILLION)

TABLE 162 ASIA PACIFIC: MICROFLUIDICS MARKET FOR PHARMACEUTICAL &
LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE,
2021–2028 (USD MILLION)

TABLE 163 ASIA PACIFIC: MICROFLUIDICS MARKET FOR LAB ANALYTICS
APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 164 ASIA PACIFIC: MICROFLUIDICS MARKET FOR THERAPEUTIC
APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 165 ASIA PACIFIC: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028
(USD MILLION)

TABLE 166 ASIA PACIFIC: MICROFLUIDICS MARKET, BY END USER, 2021–2028
(USD MILLION)

9.4.2 CHINA

9.4.2.1 China to hold major share of APAC microfluidics market

TABLE 167 CHINA: KEY MACROINDICATORS

TABLE 168 CHINA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD
MILLION)

TABLE 169 CHINA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028
(USD MILLION)

TABLE 170 CHINA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD
MILLION)

TABLE 171 CHINA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE,
2021–2028 (USD MILLION)

TABLE 172 CHINA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE
SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE,
2021–2028 (USD MILLION)

TABLE 173 CHINA: MICROFLUIDICS MARKET FOR LAB ANALYTICS

APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 174 CHINA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 175 CHINA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 176 CHINA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.3 JAPAN

9.4.3.1 Adoption of advanced lab instruments in research to drive market growth

TABLE 177 JAPAN: KEY MACROINDICATORS

TABLE 178 JAPAN: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 179 JAPAN: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 180 JAPAN: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 181 JAPAN: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 182 JAPAN: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 183 JAPAN: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 184 JAPAN: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 185 JAPAN: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 186 JAPAN: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.4 INDIA

9.4.4.1 Growing pharma R&D and government funding for biotech to boost market growth

TABLE 187 INDIA: KEY MACROINDICATORS

TABLE 188 INDIA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 189 INDIA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 190 INDIA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 191 INDIA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 192 INDIA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 193 INDIA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 194 INDIA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 195 INDIA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 196 INDIA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.5 AUSTRALIA

9.4.5.1 Increasing prevalence of infectious diseases, especially influenza, to drive market

TABLE 197 AUSTRALIA: KEY MACROINDICATORS

TABLE 198 AUSTRALIA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 199 AUSTRALIA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 200 AUSTRALIA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 201 AUSTRALIA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 202 AUSTRALIA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 203 AUSTRALIA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 204 AUSTRALIA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 205 AUSTRALIA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 206 AUSTRALIA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.6 SOUTH KOREA

9.4.6.1 Increasing healthcare expenditure to support growth

TABLE 207 SOUTH KOREA: KEY MACROINDICATORS

TABLE 208 SOUTH KOREA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 209 SOUTH KOREA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 210 SOUTH KOREA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 211 SOUTH KOREA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 212 SOUTH KOREA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 213 SOUTH KOREA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 214 SOUTH KOREA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 215 SOUTH KOREA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 216 SOUTH KOREA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.4.7 REST OF ASIA PACIFIC

TABLE 217 ROAPAC: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 218 ROAPAC: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 219 ROAPAC: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 220 ROAPAC: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 221 ROAPAC: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 222 ROAPAC: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 223 ROAPAC: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 224 ROAPAC: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

TABLE 225 ROAPAC: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

9.5 LATIN AMERICA

9.5.1 LATIN AMERICA: RECESSION IMPACT

TABLE 226 LATIN AMERICA: MICROFLUIDICS MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

TABLE 227 LATIN AMERICA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 228 LATIN AMERICA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 229 LATIN AMERICA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 230 LATIN AMERICA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 231 LATIN AMERICA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 232 LATIN AMERICA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 233 LATIN AMERICA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 234 LATIN AMERICA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 235 LATIN AMERICA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.5.2 BRAZIL

9.5.2.1 Brazil to dominate LATAM market

TABLE 236 BRAZIL: KEY MACROINDICATORS

TABLE 237 BRAZIL: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 238 BRAZIL: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 239 BRAZIL: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 240 BRAZIL: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 241 BRAZIL: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 242 BRAZIL: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 243 BRAZIL: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 244 BRAZIL: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 245 BRAZIL: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.5.3 MEXICO

9.5.3.1 Rising prevalence of chronic diseases to drive market

TABLE 246 MEXICO: KEY MACROINDICATORS

TABLE 247 MEXICO: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 248 MEXICO: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 249 MEXICO: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 250 MEXICO: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 251 MEXICO: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 252 MEXICO: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 253 MEXICO: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 254 MEXICO: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 255 MEXICO: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.5.4 REST OF LATIN AMERICA

TABLE 256 REST OF LATIN AMERICA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 257 REST OF LATIN AMERICA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 258 REST OF LATIN AMERICA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 259 REST OF LATIN AMERICA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 260 REST OF LATIN AMERICA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING

APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 261 REST OF LATIN AMERICA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 262 REST OF LATIN AMERICA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 263 REST OF LATIN AMERICA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 264 REST OF LATIN AMERICA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

9.6 MIDDLE EAST & AFRICA

9.6.1 MEA TO OFFER SIGNIFICANT OPPORTUNITIES FOR MICROFLUIDIC DRUG DELIVERY FIRMS

9.6.2 MIDDLE EAST & AFRICA: RECESSION IMPACT

TABLE 265 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET, BY PRODUCT, 2021–2028 (USD MILLION)

TABLE 266 MIDDLE EAST & AFRICA: MICROFLUIDIC COMPONENTS MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 267 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET, BY APPLICATION, 2021–2028 (USD MILLION)

TABLE 268 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET FOR IVD APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 269 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET FOR PHARMACEUTICAL & LIFE SCIENCE RESEARCH AND MANUFACTURING APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 270 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET FOR LAB ANALYTICS APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 271 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET FOR THERAPEUTIC APPLICATIONS, BY TYPE, 2021–2028 (USD MILLION)

TABLE 272 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET, BY MATERIAL, 2021–2028 (USD MILLION)

TABLE 273 MIDDLE EAST & AFRICA: MICROFLUIDICS MARKET, BY END USER, 2021–2028 (USD MILLION)

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 KEY STRATEGIES ADOPTED BY PLAYERS

10.3 REVENUE SHARE ANALYSIS

FIGURE 41 REVENUE ANALYSIS OF TOP PLAYERS IN MICROFLUIDICS-BASED

DEVICES MARKET

10.4 MARKET SHARE ANALYSIS

FIGURE 42 MICROFLUIDICS-BASED DEVICES MARKET SHARE, BY KEY PLAYER, 2022

10.5 COMPANY EVALUATION QUADRANT

10.5.1 STARS

10.5.2 EMERGING LEADERS

10.5.3 PERVASIVE PLAYERS

10.5.4 PARTICIPANTS

FIGURE 43 MICROFLUIDICS MARKET: COMPANY EVALUATION QUADRANT FOR KEY PLAYERS (2022)

10.6 COMPANY EVALUATION QUADRANT FOR START-UPS

10.6.1 PROGRESSIVE COMPANIES

10.6.2 DYNAMIC COMPANIES

10.6.3 STARTING BLOCKS

10.6.4 RESPONSIVE COMPANIES

FIGURE 44 MICROFLUIDICS MARKET: COMPANY EVALUATION QUADRANT FOR START-UPS (2022)

10.7 COMPETITIVE BENCHMARKING

10.7.1 COMPANY FOOTPRINT ANALYSIS

10.7.2 PRODUCT FOOTPRINT ANALYSIS

10.7.3 APPLICATION FOOTPRINT ANALYSIS

10.7.4 END-USER FOOTPRINT ANALYSIS

10.7.5 REGIONAL FOOTPRINT ANALYSIS

10.8 COMPETITIVE SCENARIO

10.8.1 PRODUCT LAUNCHES

TABLE 274 PRODUCT LAUNCHES (JANUARY 2020–AUGUST 2023)

10.8.2 DEALS

TABLE 275 DEALS (JANUARY 2020–AUGUST 2023)

11 COMPANY PROFILES

(Business overview, Products offered, Recent Developments, MNM view)*

11.1 KEY PLAYERS

11.1.1 DANAHER CORPORATION

TABLE 276 DANAHER CORPORATION: BUSINESS OVERVIEW

FIGURE 45 DANAHER CORPORATION: COMPANY SNAPSHOT (2022)

11.1.2 ILLUMINA INC.

TABLE 277 ILLUMINA INC.: BUSINESS OVERVIEW

FIGURE 46 ILLUMINA INC.: COMPANY SNAPSHOT (2022)

11.1.3 BIOM?RIEUX SA

TABLE 278 BIOM?RIEUX SA: BUSINESS OVERVIEW

FIGURE 47 BIOM?RIEUX SA: COMPANY SNAPSHOT (2022)

11.1.4 THERMO FISHER SCIENTIFIC INC.

TABLE 279 THERMO FISHER SCIENTIFIC INC.: BUSINESS OVERVIEW

FIGURE 48 THERMO FISHER SCIENTIFIC INC.: COMPANY SNAPSHOT (2022)

11.1.5 ABBOTT LABORATORIES

TABLE 280 ABBOTT LABORATORIES: BUSINESS OVERVIEW

FIGURE 49 ABBOTT LABORATORIES: COMPANY SNAPSHOT (2022)

11.1.6 PARKER HANNIFIN CORPORATION

TABLE 281 PARKER HANNIFIN CORPORATION: BUSINESS OVERVIEW

FIGURE 50 PARKER HANNIFIN CORPORATION: COMPANY SNAPSHOT (2022)

11.1.7 SMC CORPORATION

TABLE 282 SMC CORPORATION: BUSINESS OVERVIEW

FIGURE 51 SMC CORPORATION: COMPANY SNAPSHOT (2022)

11.1.8 IDEX CORPORATION

TABLE 283 IDEX CORPORATION: BUSINESS OVERVIEW

FIGURE 52 IDEX CORPORATION: COMPANY SNAPSHOT (2022)

11.1.9 FORTIVE CORPORATION

TABLE 284 FORTIVE CORPORATION: BUSINESS OVERVIEW

FIGURE 53 FORTIVE CORPORATION: COMPANY SNAPSHOT (2022)

11.1.10 PERKINELMER, INC.

TABLE 285 PERKINELMER, INC.: BUSINESS OVERVIEW

FIGURE 54 PERKINELMER, INC.: COMPANY SNAPSHOT (2022)

11.1.11 AGILENT TECHNOLOGIES, INC.

TABLE 286 AGILENT TECHNOLOGIES, INC.: BUSINESS OVERVIEW

FIGURE 55 AGILENT TECHNOLOGIES, INC.: COMPANY SNAPSHOT (2022)

11.1.12 BIO-RAD LABORATORIES, INC.

TABLE 287 BIO-RAD LABORATORIES, INC.: BUSINESS OVERVIEW

FIGURE 56 BIO-RAD LABORATORIES, INC.: COMPANY SNAPSHOT (2022)

11.1.13 BECTON, DICKINSON AND COMPANY

TABLE 288 BECTON, DICKINSON AND COMPANY: BUSINESS OVERVIEW

FIGURE 57 BECTON, DICKINSON AND COMPANY: COMPANY SNAPSHOT (2022)

11.1.14 F. HOFFMANN-LA ROCHE LTD.

TABLE 289 F. HOFFMANN-LA ROCHE LTD.: BUSINESS OVERVIEW

FIGURE 58 F. HOFFMANN-LA ROCHE LTD.: COMPANY SNAPSHOT (2022)

11.1.15 STANDARD BIOTOOLS INC. (PREVIOUSLY KNOWN AS FLUIDIGM CORPORATION)

TABLE 290 STANDARD BIOTOOLS INC.: BUSINESS OVERVIEW

FIGURE 59 STANDARD BIOTOOLS INC.: COMPANY SNAPSHOT (2022)

11.1.16 QUIDELORTHO CORPORATION

TABLE 291 QUIDELORTHO CORPORATION: BUSINESS OVERVIEW

FIGURE 60 QUIDELORTHO CORPORATION: COMPANY SNAPSHOT (2022)

11.1.17 HOLOGIC INC.

TABLE 292 HOLOGIC INC.: BUSINESS OVERVIEW

FIGURE 61 HOLOGIC, INC.: COMPANY SNAPSHOT (2022)

11.1.18 AIGNEP S.P.A.

TABLE 293 AIGNEP S.P.A.: BUSINESS OVERVIEW

11.1.19 DOLOMITE MICROFLUIDICS

TABLE 294 DOLOMITE MICROFLUIDICS: BUSINESS OVERVIEW

11.1.20 ELVEFLOW

TABLE 295 ELVEFLOW: BUSINESS OVERVIEW

11.2 OTHER PLAYERS

11.2.1 NANOSTRING TECHNOLOGIES

TABLE 296 NANOSTRING TECHNOLOGIES: COMPANY OVERVIEW

11.2.2 NORTIS INC.

TABLE 297 NORTIS INC.: COMPANY OVERVIEW

11.2.3 INNOVATIVE BIOCHIPS, LLC

TABLE 298 INNOVATIVE BIOCHIPS, LLC: COMPANY OVERVIEW

11.2.4 FLUIDIC ANALYTICS

TABLE 299 FLUIDIC ANALYTICS: COMPANY OVERVIEW

11.2.5 UFLUIDIX

TABLE 300 UFLUIDIX: COMPANY OVERVIEW

*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

12 APPENDIX

12.1 DISCUSSION GUIDE

12.2 KNOWLEDGESTORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

12.3 CUSTOMIZATION OPTIONS

12.4 RELATED REPORTS

12.5 AUTHOR DETAILS

I would like to order

Product name: Microfluidics Market by Product (Device, Component (Chip, Sensor, Microneedle, Pump, Valve), Application (IVD (POC, Clinical, Vet), Research (Proteomic, Genomic, Cell-based, Capillary), Manufacturing), End User (Pharma, Hospital) - Global Forecast to 2028

Product link: <https://marketpublishers.com/r/M4D8A225622EN.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/M4D8A225622EN.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