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Microfluidic Technologies: Biopharmaceutical and Healthcare Applications 2013-2023

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Abstracts

Microfluidics - how to find trends, opportunities and revenue prospects

Do you want to assess the potential of microfluidic technologies? Visiongain's new report gives you revenue predictions there from 2013, helping you stay ahead. You find financial data, trends, opportunities, and outlooks.

In that work you see forecasted sales to 2023 at overall world market, submarket (application), and national level. You assess those trends and technologies for life sciences, pharmaceuticals, medical devices, and in vitro diagnostics.

Analysis of what shapes the microfluidics industry and determines its potential

Discover, then, what the future holds for microfluidics and its applications. Read on to explore that industry and see what its future market could be worth.

Forecasts to 2023 and other analyses show you commercial opportunities

Besides revenue forecasting to 2023, you see financial results, growth rates, and market shares. You assess quantitative and qualitative analysis, business news, outlooks, and developments (R&D). You also gain 48 tables, 46 charts, and two interviews.

Our work lets you investigate the most promising and lucrative parts of microfluidics, helping you stay ahead in knowledge. Finding data you need there just got easier.

Now see how you can benefit your research, analyses, and decisions, also saving

time.

Prospects for the world market and submarkets

Our new report shows revenue to 2023 for the overall world market. It also shows you individual forecasts of 11 microfluidic submarkets. Find revenues to 2023 for these applications:

In vitro diagnostics - with sub-forecasts for clinical diagnostics, point of care (POC) diagnostics, analytical devices, and other products

Pharmaceutical and life science research - with sub-forecasts for genomics, proteomics, cell-based assays, and other products

Drug delivery.

How will the microfluidics market expand? Which parts will most prosper? There you assess potential for sales.

Our study also discusses what stimulates and restrains that market. That analysis helps you identify potential and find ways for your business to benefit.

You find geographical revenue predictions too.

Forecasts of national markets for microfluidic technologies

In developed and developing countries, many sales opportunities for developers and producers of those technologies will occur from 2013. See where and how.

Our analyses show you individual revenue forecasts to 2023 for nine national markets and a regional block:

US

Japan

Germany, France, UK, Italy, and Spain (EU5)

EU (grouped regional forecast)

India and China.

There you find potential for the technology. Pharma and diagnostics companies face many opportunities worldwide. Our study explains, discussing crucial issues.

Developments and opportunities affecting microfluidics

Our report discusses issues and events affecting that industry and market from 2013:

Products in development - R&D and expanding applications

Microfluidic technologies and products available

Lab-on-a-chip technology, with wide range of biological uses

Production of devices - manufacturing issues

Regulation of microfluidic devices - the US and Europe.

That study also discusses other aspects of the field, including these:

Academia and industry - gaps and connections

Demand for advanced drug delivery methods

Microfluidics benefitting the biologics industry

Drug development - including genomics, proteomics, and cell-based assays

Delivery of drugs and vaccines - including microneedles, micropumps, and inhalers

Personalised medicine and stem cells.

There, you explore that industry's strengths, weaknesses, opportunities, and threats. You see what stimulates and restrains technology and business.

See, then, what the future holds.

Prominent companies in that biomedical field and its 2017 market value

What happens next? Our study predicts the world market for microfluidics will reach $3.5bn in 2017 - with strong growth - and expand further to 2023. See how high revenues can go.

That work shows you what tecnologies, products, and organisations hold greatest potential. Our analysis investigates these companies and many others:

Agilent Technologies

PerkinElmer

Cepheid

Fluidigm Corporation.

In our study you find 192 organisations covered. Also, you read two interviews with authorities in that industry. See what shapes it, discovering what participants do and say.

Microfluidic technologies hold great potential for investment, development, and revenue growth from 2013. You see how they can progress, benefiting companies.

Eight ways Microfluidic Technologies: Biopharmaceutical and Healthcare Applications 2013-2023 helps you

To sum up, our analysis gives you the following knowledge:

Revenue to 2023 for the world microfluidics market - discover that industry's overall sales potential

Revenues to 2023 for 11 world-level submarkets - investigate the potential of its

applications, finding the most promising places for investments and revenues

Forecasts to 2023 for 9 national markets in North America, Europe, and Asia - find the best countries for revenues and potential growth

Discussions and data for companies - hear about developers and manufacturers' activities, capabilities, results, and outlooks

Review of R&D and prospects for market expansion - investigate developments, exploring possibilities for technological and commercial advances

Interviews with experts on microfluidics - discover what authorities in that field think, say, and do, helping you stay ahead

Analysis of what stimulates and restrains that industry and market - assess challenges and strengths, helping you compete and gain advantages

Prospects for established players and companies entering that sector - explore needs, practices and outlooks for future success.

Information found nowhere else

That work gives independent analysis. You receive business intelligence found only in our report, seeing where prospects are most rewarding.

With our study you are less likely to fall behind in knowledge or miss opportunity. See there how you could benefit your research, analyses, and decisions. Also see how you can save time and get recognition for commercial insight.

Assess progress and potential in microfluidics now, seeing what you can gain.

Microfluidics - discover technological and commercial prospects by ordering now

Our study is for everyone investigating microfluidic technologies. There you find data, trends, opportunities, and sales predictions. Avoid missing out - please order our new report now.

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About

Microfluidics Based POC Diagnostics Market Forecast, 2012-2023

The microfluidics based POC diagnostic segment generated sales worth $247m in 2012. Visiongain predicts the market for POC diagnostics will experience strong growth, reaching $633m in 2017 and $1,779m in 2023. A key factor in the growth of the overall POC diagnostics market is the concept of personalised medicine which encourages patients to be involved in their own care. In the initial part of the forecast period, the market will be primarily driven by well established devices like iSTAT handheld system manufactured by Abbottand Triage meter, developed by Alere. iSTAT system combines miniature fluidics and electrochemical detection to perform clinical chemistry measurements and few immunoassays. Triage meter is a portable and disposable capillary driven microfluidic test strip used for diagnosis of cardiovascular disease, drugs of abuse and waterborne parasites. Another interesting device incorporating microfluidics with lateral flow is the AlcNow test for diabetic patients. Paper based microfluidic devices being developed by Diagnostics For All will benefit diagnostics in low-income countries.

Claros Diagnostics has recently reported simultaneous diagnosis of HIV and syphilis using its microfluidic chips (mChip) in Rwanda. Visiongain predicts that the demand for microfluidics based POC devices will remain high, driven by its potential to detect analytes at very low concentrations. Currently, tests like lateral flow immunoassays can detect only those analytes present at high concentrations, which makes it incapable to detect diseases at its onset. The merging of microfluidics in to POC overcomes many of the challenges faced by the current POC tests. By 2017, we predict the market to grow to $633m, growing with a CAGR of 20.7% from 2012-2017. Developed countries such as the US, Europe and Japan will mainly drive growth in the first half of the forecast period.

The second half of the forecast from 2017-2023 will be driven by the launch of a number of devices in the pipeline. The market will be primarily driven by low cost microfluidics based POC devices being developed for low income countries. In developing countries, there is a high burden of infectious diseases, many of which can be treated or prevented if diagnosis is done on time. This is where lab-on-chip POC tests will be increasingly used in the coming years. Several companies are involved in the development of novel microfluidic CD4+ T-cell counters for HIV/AIDS. An example is PimaCD4 counter developed by Alere through its subsidiary ClonDiag. Daktari

Diagnostics is the other company pursuing an alternative approach to image-based CD4 cytometry. Paper based microfluidics will also find increased application in developing countries. Visiongain believes that microfluidics based POC diagnostics will grow strongly during 2017-2023, growing to $1,779 by 2023.

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