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High Throughput Screening Market- Global Opportunity Analysis And Industry Forecasts (2017-2022)

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Abstracts

Market Overview

Global High Throughput Screening Market is expected to reach USD 21,911.2 million by 2022 supported by a CAGR of 8.0% during the forecast period of 2017 to 2022. The global high throughput screening market is mainly driven by the increasing adoption of innovative approaches in pharmaceutical and biotechnology companies, growing investment by private equity firms and venture capitalists, rising government funding for various R&D activities, increasing healthcare spending, and technological advancements. Further, growing research in toxicology and stem cell research provide significant opportunities in this market. However, high cost for HTS, intricacy in the field of assay development, and government regulations for drug development obstructs the growth of this market to some extent.

Market Segmentation

The global high throughput screening market is mainly segmented by product & service (Consumables & Reagents, Instruments, Software & Services), by technology (Cell based Assay, Ultra High Throughput Screening, Label Free Technology, Lab On A Chip), by application (Stem Cell Research, Toxicology Assessment, Primary Screening, Target Identification), by end user (Pharmaceuticals and Biotechnology Industry, Academics and Research Institutes, Contract Research Organizations, and others), and by geography (North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa).

Geographic Overview

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Geographically, the global high throughput screening market is segmented into five major regions, namely North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa. These regions are further analysed at a country level with the detailed qualitative and quantitative analysis. North America accounted for the major share in the global high throughput screening market in 2016, followed by Asia-Pacific, and Europe. The major share of the North American region is mainly attributed to the growing elderly population and increased Research and development expenditure in biopharmaceuticals and biotechnology industries. On the other hand, Asia-Pacific region is projected to grow at a fastest CAGR during the forecast period, due to increasing population, rising prevalence of various diseases, and growing R&D funding for the drug discovery and development.

Key players

The key players in the global high throughput screening market are MERCK KGaA, Charles River Laboratories International, Inc., AXXAM S.p.A., Thermo Fisher Scientific Inc., Danaher Corporation, Perkin Elmer, Agilent technologies, Bio-Rad Laboratories, Inc., Tecan Trading AG, Aurora Biomed, Inc, and Hamilton Company.

Scope of the Report

Market by Technology

- Cell based assay
- Ultra High Throughput Screening
- Label Free Technology
- Lab on A Chip

Market by Products & Services

- Consumables & Reagents
- Instruments

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Software & Services

Market by Application

Stem Cell Research

Toxicology Assessment

Primary Screening

Target Identification

Market by End User

Pharmaceuticals and Biotechnology Industry

Academics and Research Institutes

Contract Research Organizations

Other End Users

Market by Geography:

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

India

Rest of Asia-Pacific

Rest of World

Key questions answered in the report-

Which are the high growth market segments in terms of technology, product & service, application, end user, and regions/countries?

What is the historical market for high throughput screening across the globe?

What are the market forecasts and estimates from the period 2015-2022?

What are the major drivers, challenges, opportunities and trends in the global high throughput screening market?

Who are the major players in the global high throughput screening market and what share of the market do they hold?

Who are the major players in various countries and what share of the market do they hold?

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What are the competitive landscapes and who are the market leaders by sub-region in the global high throughput screening market?

What are the recent developments in the global high throughput screening market?

What are the different strategies adopted by the major players in the global high throughput screening market?

What are the geographical trends and high growth regions/ countries?

Who are the local emerging players in the global high throughput screening market and how do they compete with the global players?

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