

Global High Throughput Screening Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

High-throughput screening (HTS) is a method for scientific experimentation especially used in drug discovery and relevant to the fields of biology and chemistry. Using robotics, data processing and control software, liquid handling devices, and sensitive detectors, High-Throughput Screening allows a researcher to quickly conduct millions of chemical, genetic or pharmacological tests.

Scope of the Report:

This report studies the High Throughput Screening market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the High Throughput Screening market by product type and applications/end industries.

Based on technology, the label-free technology segment is expected to grow at the highest CAGR during the forecast period. The major advantage offered by label-free technology is that it can help in the study of varied cell types and targets. Label-free assays also provide simple methods for studying complex biological pathways. The label-free technology is set to reduce drug failure caused by toxicity. These factors are likely to boost the growth of this technology market.

In 2017, North America accounted for the largest share of the HTS market, followed by Europe and Asia Pacific. Factors such as the large spending on pharmaceutical R&D, growing adoption of HTS, availability of government funding, and the presence of major key players in the region are responsible for the large share of the North American HTS market.

The global High Throughput Screening market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx%

between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of High Throughput Screening.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Thermo Fisher

Agilent Technologies

Danaher

Perkinelmer

Tecan Group

Axxam

Bio-Rad Laboratories

Merck

Hamilton

Corning Incorporated

Biotek Instruments

Aurora Biomed

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Cell-based Assays

Lab-On-A-Chip

Ultra-High-Throughput Screening

Bioinformatics

Label-Free Technology

Market Segment by Applications, can be divided into

Pharmaceutical and Biotechnology Companies

Academic and Government Institutes

Contract Research Organizations

Others

Contents

1 HIGH THROUGHPUT SCREENING MARKET OVERVIEW

- 1.1 Product Overview and Scope of High Throughput Screening
- 1.2 Classification of High Throughput Screening by Types
 - 1.2.1 Global High Throughput Screening Revenue Comparison by Types (2017-2023)
 - 1.2.2 Global High Throughput Screening Revenue Market Share by Types in 2017
 - 1.2.3 Cell-based Assays
 - 1.2.4 Lab-On-A-Chip
 - 1.2.5 Ultra-High-Throughput Screening
 - 1.2.6 Bioinformatics
 - 1.2.7 Label-Free Technology
- 1.3 Global High Throughput Screening Market by Application
 - 1.3.1 Global High Throughput Screening Market Size and Market Share Comparison by Applications (2013-2023)
 - 1.3.2 Pharmaceutical and Biotechnology Companies
 - 1.3.3 Academic and Government Institutes
 - 1.3.4 Contract Research Organizations
 - 1.3.5 Others
- 1.4 Global High Throughput Screening Market by Regions
 - 1.4.1 Global High Throughput Screening Market Size (Million USD) Comparison by Regions (2013-2023)
 - 1.4.1 North America (USA, Canada and Mexico) High Throughput Screening Status and Prospect (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy) High Throughput Screening Status and Prospect (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) High Throughput Screening Status and Prospect (2013-2023)
 - 1.4.4 South America (Brazil, Argentina, Colombia) High Throughput Screening Status and Prospect (2013-2023)
 - 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) High Throughput Screening Status and Prospect (2013-2023)
- 1.5 Global Market Size of High Throughput Screening (2013-2023)

2 MANUFACTURERS PROFILES

- 2.1 Thermo Fisher
 - 2.1.1 Business Overview

- 2.1.2 High Throughput Screening Type and Applications
 - 2.1.2.1 Product A
 - 2.1.2.2 Product B
- 2.1.3 Thermo Fisher High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Agilent Technologies
 - 2.2.1 Business Overview
 - 2.2.2 High Throughput Screening Type and Applications
 - 2.2.2.1 Product A
 - 2.2.2.2 Product B
 - 2.2.3 Agilent Technologies High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)
- 2.3 Danaher
 - 2.3.1 Business Overview
 - 2.3.2 High Throughput Screening Type and Applications
 - 2.3.2.1 Product A
 - 2.3.2.2 Product B
 - 2.3.3 Danaher High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)
- 2.4 Perkinelmer
 - 2.4.1 Business Overview
 - 2.4.2 High Throughput Screening Type and Applications
 - 2.4.2.1 Product A
 - 2.4.2.2 Product B
 - 2.4.3 Perkinelmer High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)
- 2.5 Tecan Group
 - 2.5.1 Business Overview
 - 2.5.2 High Throughput Screening Type and Applications
 - 2.5.2.1 Product A
 - 2.5.2.2 Product B
 - 2.5.3 Tecan Group High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)
- 2.6 Axxam
 - 2.6.1 Business Overview
 - 2.6.2 High Throughput Screening Type and Applications
 - 2.6.2.1 Product A
 - 2.6.2.2 Product B
 - 2.6.3 Axxam High Throughput Screening Revenue, Gross Margin and Market Share

(2016-2017)

2.7 Bio-Rad Laboratories

2.7.1 Business Overview

2.7.2 High Throughput Screening Type and Applications

2.7.2.1 Product A

2.7.2.2 Product B

2.7.3 Bio-Rad Laboratories High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)

2.8 Merck

2.8.1 Business Overview

2.8.2 High Throughput Screening Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

2.8.3 Merck High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)

2.9 Hamilton

2.9.1 Business Overview

2.9.2 High Throughput Screening Type and Applications

2.9.2.1 Product A

2.9.2.2 Product B

2.9.3 Hamilton High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)

2.10 Corning Incorporated

2.10.1 Business Overview

2.10.2 High Throughput Screening Type and Applications

2.10.2.1 Product A

2.10.2.2 Product B

2.10.3 Corning Incorporated High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)

2.11 Biotek Instruments

2.11.1 Business Overview

2.11.2 High Throughput Screening Type and Applications

2.11.2.1 Product A

2.11.2.2 Product B

2.11.3 Biotek Instruments High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)

2.12 Aurora Biomed

2.12.1 Business Overview

2.12.2 High Throughput Screening Type and Applications

2.12.2.1 Product A

2.12.2.2 Product B

2.12.3 Aurora Biomed High Throughput Screening Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL HIGH THROUGHPUT SCREENING MARKET COMPETITION, BY PLAYERS

3.1 Global High Throughput Screening Revenue and Share by Players (2013-2018)

3.2 Market Concentration Rate

3.2.1 Top 5 High Throughput Screening Players Market Share

3.2.2 Top 10 High Throughput Screening Players Market Share

3.3 Market Competition Trend

4 GLOBAL HIGH THROUGHPUT SCREENING MARKET SIZE BY REGIONS

4.1 Global High Throughput Screening Revenue and Market Share by Regions

4.2 North America High Throughput Screening Revenue and Growth Rate (2013-2018)

4.3 Europe High Throughput Screening Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific High Throughput Screening Revenue and Growth Rate (2013-2018)

4.5 South America High Throughput Screening Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa High Throughput Screening Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA HIGH THROUGHPUT SCREENING REVENUE BY COUNTRIES

5.1 North America High Throughput Screening Revenue by Countries (2013-2018)

5.2 USA High Throughput Screening Revenue and Growth Rate (2013-2018)

5.3 Canada High Throughput Screening Revenue and Growth Rate (2013-2018)

5.4 Mexico High Throughput Screening Revenue and Growth Rate (2013-2018)

6 EUROPE HIGH THROUGHPUT SCREENING REVENUE BY COUNTRIES

6.1 Europe High Throughput Screening Revenue by Countries (2013-2018)

6.2 Germany High Throughput Screening Revenue and Growth Rate (2013-2018)

6.3 UK High Throughput Screening Revenue and Growth Rate (2013-2018)

6.4 France High Throughput Screening Revenue and Growth Rate (2013-2018)

6.5 Russia High Throughput Screening Revenue and Growth Rate (2013-2018)

6.6 Italy High Throughput Screening Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC HIGH THROUGHPUT SCREENING REVENUE BY COUNTRIES

- 7.1 Asia-Pacific High Throughput Screening Revenue by Countries (2013-2018)
- 7.2 China High Throughput Screening Revenue and Growth Rate (2013-2018)
- 7.3 Japan High Throughput Screening Revenue and Growth Rate (2013-2018)
- 7.4 Korea High Throughput Screening Revenue and Growth Rate (2013-2018)
- 7.5 India High Throughput Screening Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia High Throughput Screening Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA HIGH THROUGHPUT SCREENING REVENUE BY COUNTRIES

- 8.1 South America High Throughput Screening Revenue by Countries (2013-2018)
- 8.2 Brazil High Throughput Screening Revenue and Growth Rate (2013-2018)
- 8.3 Argentina High Throughput Screening Revenue and Growth Rate (2013-2018)
- 8.4 Colombia High Throughput Screening Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE HIGH THROUGHPUT SCREENING BY COUNTRIES

- 9.1 Middle East and Africa High Throughput Screening Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia High Throughput Screening Revenue and Growth Rate (2013-2018)
- 9.3 UAE High Throughput Screening Revenue and Growth Rate (2013-2018)
- 9.4 Egypt High Throughput Screening Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria High Throughput Screening Revenue and Growth Rate (2013-2018)
- 9.6 South Africa High Throughput Screening Revenue and Growth Rate (2013-2018)

10 GLOBAL HIGH THROUGHPUT SCREENING MARKET SEGMENT BY TYPE

- 10.1 Global High Throughput Screening Revenue and Market Share by Type (2013-2018)
- 10.2 Global High Throughput Screening Market Forecast by Type (2018-2023)
- 10.3 Cell-based Assays Revenue Growth Rate (2013-2023)
- 10.4 Lab-On-A-Chip Revenue Growth Rate (2013-2023)
- 10.5 Ultra-High-Throughput Screening Revenue Growth Rate (2013-2023)
- 10.6 Bioinformatics Revenue Growth Rate (2013-2023)
- 10.7 Label-Free Technology Revenue Growth Rate (2013-2023)

11 GLOBAL HIGH THROUGHPUT SCREENING MARKET SEGMENT BY APPLICATION

- 11.1 Global High Throughput Screening Revenue Market Share by Application (2013-2018)
- 11.2 High Throughput Screening Market Forecast by Application (2018-2023)
- 11.3 Pharmaceutical and Biotechnology Companies Revenue Growth (2013-2018)
- 11.4 Academic and Government Institutes Revenue Growth (2013-2018)
- 11.5 Contract Research Organizations Revenue Growth (2013-2018)
- 11.6 Others Revenue Growth (2013-2018)

12 GLOBAL HIGH THROUGHPUT SCREENING MARKET SIZE FORECAST (2018-2023)

- 12.1 Global High Throughput Screening Market Size Forecast (2018-2023)
- 12.2 Global High Throughput Screening Market Forecast by Regions (2018-2023)
- 12.3 North America High Throughput Screening Revenue Market Forecast (2018-2023)
- 12.4 Europe High Throughput Screening Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific High Throughput Screening Revenue Market Forecast (2018-2023)
- 12.6 South America High Throughput Screening Revenue Market Forecast (2018-2023)
- 12.7 Middle East and Africa High Throughput Screening Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure High Throughput Screening Picture

Table Product Specifications of High Throughput Screening

Table Global High Throughput Screening and Revenue (Million USD) Market Split by Product Type

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