

High Throughput Screening Market Size, Share, Analysis, Trends, Growth & Forecasts To 2028

Technological advances and increased spending on research and development.

NEW YORK, NY, UNITED STATES, April 6, 2022 /EINPresswire.com/ -- According to the analysis of Reports and Data, the global [high throughput screening market](#) was valued at USD 15.22 Billion in 2020 and is expected to reach USD 35.03 Billion by the year 2028, at a

CAGR of 10.8%. High throughput screening is a method using automation and big dataset processing to quickly assay the biological activity of various compounds, genes, and proteins. It is used for target identification, biological screening, protein stabilization, drug discovery and organismal based screening. Substrate concentration optimization, protein concentration and identification of physiologically relevant controls are the key factors for increasing demand in the market. It is one of the standards and famous methods of drug discovery in the pharmaceutical industry. The major goal is speeding up the process of drug discovery by screening a large number of compound stacks such as genomics, protein, peptide libraries, and combinational chemistry at a very fast rate of about 1000 compounds per day or a week

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Some of the key factors driving the growth of the high-throughput screening market include, increase in the use of advanced drug discovery and adoption of open, innovative models by pharmaceutical and biochemical companies. Another key factor propelling the global market is increasing government and private investments associated with R&D spending. However, lack of skilled professionals, even in developed countries, hampers the growth of the high throughput screening market. In addition to that, high capital investment also slows down the growth of the market.

Leading companies operating in the market are:

Agilent, Danaher, Thermo-Fischer Scientific, Tecan, Axxam, Merck Group, Biorad, Hamilton,

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Corning, BioTek, Aurora Biomed.

Competitive Landscape:

The report also focuses on details of each market player including its global position, financial standing, revenue generation, company overview, product & service portfolio. The High Throughput Screening market is extremely competitive and consists of several key players at regional and global level. Key players are focused on adopting various strategies such as new product launches, mergers and acquisitions, investments in R&D, partnerships, joint ventures and collaborations to strengthen their market position and enhance product portfolio.

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The report also offers detailed insights about market segmentation based on type, application and regional bifurcation:

High Throughput Screening Market Segmentation:

Product Type (Revenue, USD Million; 2018–2028)

Reagents & Assay Kits

Instruments

Consumables and Accessories

Software Services

Others

Technology Type (Revenue, USD Million; 2018–2028)

Cell Based Assays

Lab on chip

Label free Assays

Bioinformatics

Others

Application Type (Revenue, USD Million; 2018–2028)

Target Identification and Validation

Primary and Secondary Screening

Toxicology Assessment

Other Applications

End Use (Revenue, USD Million; 2018–2028)

Pharmaceutical and biotechnology Companies
Academic and government Institutes
Contract Research organizations
Others

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Regional Outlook:

North America

U.S.

Canada

Mexico

Europe

Germany

U.K.

Italy

France

BENELUX

Rest of Europe

Asia Pacific

China

India

Japan

South Korea

Rest of APAC

Latin America

Brazil

Rest of LATAM

Middle East & Africa

Saudi Arabia

U.A.E.

South Africa

Rest of MEA

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