

High Content Screening Market, Global Outlook and Forecast 2022-2028

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Abstracts

High-content screening (HCS) or high-content analysis (HCA) (also known as cellomics), is a set of analytical techniques that is applied in genetic research and drug discovery processes in order to recognize elements such as peptides, small molecules, or genetic materials (such as RNAi) that have the potential to modify the phenotype of a cell in a certain manner. High-content screening employs a set of analytical procedures such as multi-parameter image processing, automated microscopy, fluorescence imaging, and other visualization processes to get quantitative data from cell populations.

This report contains market size and forecasts of High Content Screening in Global, including the following market information:

Global High Content Screening Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global High Content Screening market was valued at 579.9 million in 2021 and is projected to reach US\$ 992.9 million by 2028, at a CAGR of 8.0% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Consumables Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of High Content Screening include Molecular Devices, Thermo Fisher Scientific, PerkinElmer Inc., Becton, GE Healthcare, Dickinson and

Company, Merck KGaA, Cell Signaling Technology and Thorlabs, Inc., etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the High Content Screening companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global High Content Screening Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global High Content Screening Market Segment Percentages, by Type, 2021 (%)

Consumables

Microplates

Instruments

Software and Service

Global High Content Screening Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global High Content Screening Market Segment Percentages, by Application, 2021 (%)

Primary & Secondary Screening

Compound Profiling

Target Identification & Validation

Global High Content Screening Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global High Content Screening Market Segment Percentages, By Region and Country,

2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies High Content Screening revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies High Content Screening revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Molecular Devices

Thermo Fisher Scientific

PerkinElmer Inc.

Becton

GE Healthcare

Dickinson and Company

Merck KGaA

Cell Signaling Technology

Thorlabs, Inc.

Genedata AG

Yokogawa Electric Corporation

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