

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

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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.

Scope of the Report:

This report studies the High Content 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 Content Screening market by product type and applications/end industries.

The high-content screening market is anticipated to witness significant growth during the forecast period, owing to the ability of HCS to study several parameters in a complex biological system simultaneously.

The global High Content 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 Content 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

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

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

Consumables

Microplates

Instruments

Software and service

Market Segment by Applications, can be divided into

Primary & secondary screening

Compound profiling

Target identification & validation

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