

Cytogenetics Market To Witness a CAGR Of 13.5% | Empire Genomics, OPKO Health, Sysmex Corporation

The market was valued at \$1,121 million in 2017, and is projected to reach \$3,097 million in 2025, registering a CAGR of 13.5% from 2018 to 2025.

PORTLAND, OREGON, UNITED STATES, August 21, 2022 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, [Cytogenetics Market](#), By Product, Technique, Application, and End User: Global Opportunity Analysis and Industry Forecast, 2018-2025," the market was valued at \$1,121 million in 2017, and is projected to reach \$3,097 million in 2025, registering a CAGR of 13.5% from 2018 to 2025.



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Cytogenetics is a branch of biology, which correlates cytology and genetics. The correlation is used to study chromosomes and genes in cells and tissues. The study is conducted in relation to hereditary and variations in genes and number of chromosomes, which are used for the detection of genetic disorders as well as selection of precise therapies for treatment of these genetic disorders. Cytogenetics includes various techniques such as comparative genomic hybridization, fluorescence in situ hybridization, karyotyping, immunohistochemistry, and others. These techniques require the use of cytogenetic products such as testing kits, media, and reagents; probes; consumables; instruments; and software & services. These product and techniques are used for the screening of genetic disorders and designing personal medicine.

North America was the leading revenue contributor to the global cytogenetics market in 2017, and is expected to dominate the market during the forecast period. This is attributed to the

presence of majority of major key players in this region. However, Asia-Pacific is expected to grow at the highest CAGR during the forecast period, owing to increase in affordability, surge in healthcare expenditure, and rise in awareness towards early screening of genetic disorders.

Key findings of the Cytogenetics Market:

The testing kits, media, and reagents segment accounted for approximately three-fourths share of the global cytogenetics consumables market in 2017.

The comparative genomic hybridization segment is expected to grow at a CAGR of 10.5% from 2018 to 2025.

North America accounted for the majority of the share of the global market revenue in 2017.

Asia-Pacific is expected to provide lucrative market growth opportunities, registering a CAGR of 12.1% from 2018 to 2025.

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The key players of this market include Abbott Laboratories, Agilent Technologies, Inc., Applied Spectral Imaging, Inc., Empire Genomics, LLC., Illumina, Inc., Irvine Scientific., OPKO Health, Inc. (GeneDx.), PerkinElmer Inc., Sysmex Corporation (Oxford Gene Technology), and Thermo Fisher Scientific, Inc. Other players (these players are not profiled in the report and the same can be included on request) in the value chain include Bio-Rad Laboratories, Inc., F. Hoffmann-La Roche Ltd., and MetaSystems.

Increase in prevalence of cancer & genetic disorders, rise in global geriatric population along with surge in prevalence of chronic diseases, and surge in awareness related to acceptance of personalized medicines across the world are the factors that drive the global cytogenetics market growth. However, higher cost of advanced cytogenetic instruments is expected to impede the market growth. Conversely, shift from fish to array-based techniques is expected to provide many opportunities during the forecast period.

The utilization rate of testing kits, media, and reagents is high, as they are the essential elements of every cytogenetic technique performed. However, the software & services segment is expected to grow at a high CAGR during the forecast period.

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