

Global Cell Based Assays Market To Reach Above \$680 Million By 2022

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The Global Cell Based Assays Market Was Valued At About \$13.97 Billion In 2018 And Is Expected To Grow To \$19.73 Billion At A CAGR Of 9.0% Through 2022."

Abdul Wasay

LONDON, GREATER LONDON, UK, August 13, 2019 /EINPresswire.com/ -- The [cell based assays market](#) consists of sales of cell based assays. Cell-based assays are analytical tools that are designed to study a mechanism or process of cellular function. Companies developing cell based assays provide consumables such as reagents, assays kits and microplates as well as instruments, services and software. This report includes sales of reagents, cell lines, microplates, microplate, assay kits, probes and labels, and others. The global cell based assays market was valued at about \$13.97 billion in 2018 and is expected to grow to \$19.73 billion at a CAGR of 9.0% through 2022.

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Research with cell based arrays is increasing with evolution and there is a definite need to move to more predictive cellular models for drug discovery in order to control the last-stage drug failures. The pharmaceutical industries' need to efficiently commercialize drugs in order to overcome expensive failures in the last stages is a driving force in cell-based assay innovation. Failure of investigational new drug (IND) Phase III clinical trials results in a loss of several hundred million dollars to that company. Major improvements to high-content systems and data analysis from the cell based assays enable scientists to extract a more information about the cellular response and help take informed decisions during drug discovery, and further driving the market for cell based arrays.

High cost of instruments is the major factor restraining the global cell based assays market. High price of the instrumentation will reduce the return on investments (ROI) owing to low adaptation. For example, Biotek developed HCA (high content analysis) instruments and are expensive and reserved for industrial end-users or core labs which have sufficient capital budgets. This restricts the low budgeted end-users to use cell based assays to its full potential, thereby hampering the growth of the market.

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Researchers are inclining towards early phase predictive toxicity testing that prevent late-stage drug failures. Predictive cell toxicity assays are being scaled up to increase screening of compounds in the early phases of drug development, reducing the cost of failure. For instance, Creative Bioarray, a biotech company provides a range of in vitro toxicity services to check drug-induced toxicities that save time and cost by reducing the chance of failure in earlier stage. These advances will make clinical testing easy and reduce the cost of operation.

In April 2019, PerkinElmer, a global corporation for diagnostics, life science research, food, environmental and industrial testing acquired Cisbio Bioassays for an undisclosed amount. The acquisition expands PerkinElmer's R&D capability in cell based assay, and customer base in key growth geographies including the Americas, Europe, and China in order to expand its market reach for reagents. Cisbio Bioassays is a custom assay service provider based in Codolet, France and was founded in 1974.

Major players in the cell based assays market include Thermo Fisher, Danaher , Becton, Dickinson and Company, GE Healthcare, Merck.

Cell Based Assays Global Market Report 2019 is one of a series of new reports from The Business Research Company that provides cell based assays market overviews, analyzes and forecasts cell based assays market size and growth for the global cell based assays market, cell based assays market share, cell based assays market players, cell based assays market size, cell based assays market segments and geographies, cell based assays market trends, cell based assays market drivers and cell based assays market restraints, cell based assays market's leading competitors' revenues, profiles and market shares. The cell based assays market report identifies top countries and segments for opportunities and strategies based on market trends and leading competitors' approaches.

Where To Learn More

Read Cell Based Assays Global Market Report 2019 from The Business Research Company for information on the following:

Markets Covered: global cell based assays market

Data Segmentations: cell based assays market size, global and by country; historic and forecast size, and growth rates for the world, 7 regions and 12 countries

Cell Based Assays Market Organizations Covered: Porocel, The Dow Chemical, INEOS, Fuji Silysia Chemical, Hengye Molecular Sieve.

Regions: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.

Time Series: Five years historic (2014-18) and forecast (2018-22).

Other Information And Analyses: PESTEL analysis, cell based assays market customer information, cell based assays market product/service analysis – product examples, cell based assays market trends and opportunities, drivers and restraints, key mergers and acquisitions, key metrics covered: number of enterprises, number of employees, global cell based assays market in 2019 - countries offering most new opportunities

Sourcing and Referencing: Data and analysis throughout the report are sourced using end notes.

Strategies For Participants In The Cell Based Assays Industry: the report explains a number of strategies for companies in the cell based assays market, based on industry trends and company analysis.

Opportunities For Companies In The Cell Based Assays Sector: The report reveals where the global cell based assays industry will put on most \$ sales up to 2022.

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Oliver Guirdham
The Business Research Company
+44 20 7193 0708

[email us here](#)

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