

Global Flow Cytometry Fluorophores and Dyes Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G6087BF48C54EN.html>

Date: February 2023

Pages: 109

Price: US\$ 3,480.00 (Single User License)

ID: G6087BF48C54EN

Abstracts

According to our (Global Info Research) latest study, the global Flow Cytometry Fluorophores and Dyes market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Though dye fluorescence is most commonly assayed in flow cytometry, valuable information can be determined from the autofluorescence levels of unstained cells. Cells are naturally autofluorescent, especially at lower wavelengths of the visible spectrum, and the scattered light can provide information on the cell size, granularity, surface topography, and nuclear: cytoplasmic ratio. For instance, an analysis of white blood cells allows identification of different leukocyte types. However, the vast majority of flow cytometry experiments involve the use of fluorochromes. These are small organic molecules or proteins such as allophycocyanin (APC) with fluorescent properties. Fluorochromes are often conjugated to primary or secondary antibodies to mark targets or biomarkers. An alternative to antibody staining is to use cells expressing, either stably or transiently, proteins of interest fused with fluorescent proteins such as GFP, Venus, or mRFP.

This report is a detailed and comprehensive analysis for global Flow Cytometry Fluorophores and Dyes market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with

market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Flow Cytometry Fluorophores and Dyes market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Flow Cytometry Fluorophores and Dyes market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Flow Cytometry Fluorophores and Dyes market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Flow Cytometry Fluorophores and Dyes market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Flow Cytometry Fluorophores and Dyes

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Flow Cytometry Fluorophores and Dyes market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Thermo Fisher(Life Technologies), BD Biosciences, Merck Millipore, Bio-Rad Laboratories and PerkinElmer(BioLegend, Inc), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Flow Cytometry Fluorophores and Dyes market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Fluorescent Protein

Small Organic Molecules

Quantum Dots

Polymer Dyes

Heavy Metal Ion

Others

Market segment by Application

University and Research Institutions

Biopharmaceutical Manufacturers

Hospital and Commercial Laboratories

Other

Major players covered

Thermo Fisher(Life Technologies)

BD Biosciences

Merck Millipore

Bio-Rad Laboratories

PerkinElmer(BioLegend, Inc)

AAT Bioquest

ATTO-TEC GmbH

Biotium

Miltenyi Biotec

AnaSpec

Abberior

Proteintech

Beckman Coulter Life Sciences

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Flow Cytometry Fluorophores and Dyes product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flow Cytometry Fluorophores and Dyes, with price, sales, revenue and global market share of Flow Cytometry Fluorophores and Dyes from 2018 to 2023.

Chapter 3, the Flow Cytometry Fluorophores and Dyes competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flow Cytometry Fluorophores and Dyes breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Flow Cytometry Fluorophores and Dyes market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Flow Cytometry Fluorophores and Dyes.

Chapter 14 and 15, to describe Flow Cytometry Fluorophores and Dyes sales channel, distributors, customers, research findings and conclusion.

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