

2D Chromatography Market Statistical Forecasts 2028 includes Competitive Landscape, Key Trends and Regional Data

Rising concerns regarding food safety and sanitation is a major factor boosting revenue growth of the global 2D chromatography market

VANCOUVER, BC, CANADA, May 11, 2022

[/EINPresswire.com/](https://www.einpresswire.com/) -- The global [2D chromatography market](#) size is

expected to reach USD 60 Million in 2028 at a steady CAGR, according to latest analysis by Emergen Research. Global 2D chromatography market revenue growth is significantly driven

by rising research and development activities by biopharmaceutical and pharmaceutical companies, rapid development in petroleum industry, and increasing applications of 2D chromatography techniques. 2D chromatography is used to isolate, identify, and quantify various components of a complex mixture.



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2D Chromatography Market Size – USD 33.9 Million in 2020, Market Growth – at a CAGR of 7.3%, Market Trend – Technological advancements in field of biotechnology”

Emergen Research

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2D chromatography is a chromatographic technique that separates the injected sample by passing it through two independent separation stages. A chromatographic system contains flow controller, sample injector, columns, column oven, compound detector and a computer screen for data acquisition, and analysis. There are mainly two categories of two-dimensional separation, gas chromatography and liquid chromatography. The broad application areas of 2D chromatography are drug development, environmental

analysis, forensic science drug abuse testing, and others.

In addition, rising life science research, innovations in 2D chromatography technique, rising

government focus on forensic science drug abuse testing, and rapid development in petroleum industry are some factors expected to positively impact 2D chromatography market revenue growth over the forecast period. 2D gas chromatography segment revenue is expected to register a 6.8% CAGR throughout the forecast period. This can be attributed to rapid developments in the oil industry, increasing concerns regarding environmental pollution, and rising food safety concerns.

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2D Chromatography Market - COVID-19 Impact Analysis

The report studies the impact of the COVID-19 pandemic on the 2D Chromatography Market and its crucial segments. The supply chain disruptions and economic instability have negatively impacted the growth of the market in several key regions. The report offers an in-depth analysis of the 2D Chromatography market size, market share, and market growth and its estimation through the forecast years on the basis of the COVID-19 crisis.

2D Gas chromatography segment is expected to register a rapid revenue CAGR over the forecast period attributed to increasing global concerns regarding environmental pollution, rapid developments in oil industry, and stringent government regulations regarding food safety globally. Gas chromatography in two dimensions (GC×GC) is a strong separation technology that allows for high separation resolution and offers a high range of sensitivity in environmental studies, flavor, fragrance, petroleum products, pharmaceuticals, and forensic science.

Biotechnology and pharmaceutical sector segment is expected to register significant revenue growth over the forecast period attributed to increasing number of cancer research laboratories due to rise in incidences of cancer, ongoing technological advancements in biopharma, rising R&D investments by pharma and biotech companies and growing affordability in medical services owing to favorable medical insurance coverage.

North America is expected to account for largest revenue share in the global market over the forecast period due increasing adoption of advanced techniques in healthcare industry, increasing government focus on drug development research activities and rising number of biotech and biopharma companies. Further, robust presence of key players in the region and advances in 2D chromatographic techniques are some other factors expected to contribute to

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market growth in the region.

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Product Outlook (Revenue, USD Million; 2018–2028)

2D Gas Chromatography

2D Liquid Chromatography

Application Outlook (Revenue, USD Million; 2018–2028)

Life Science Research

Food and Beverage Testing

Environmental Analysis

Petrochemical and Natural Gas Analysis

End-Use Outlook (Revenue, USD Million; 2018–2028)

Biotechnology and Pharmaceutical Sector

Hospitals

Ambulatory Surgery Centers

Cancer Research Laboratories

Agriculture and Food Industries

Specialty Clinics

Others

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S.

Canada

Mexico

Europe

Germany

France

K.

Italy
Spain
BENELUX
Rest of Europe
Asia Pacific
China
India
Japan
South Korea
Rest of APAC
Latin America
Brazil
Rest of LATAM
Middle East & Africa
Saudi Arabia
A.E.
South Africa
Turkey
Rest of MEA

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Chapter 1 includes an introduction of the global 2D Chromatography Market , along with a comprehensive 2D Chromatography market overview, market scope, product offerings, and an investigation of the market drivers, growth opportunities, risks, restraints, and other vital factors.

Chapter 2 offers an in-depth analysis of the key manufacturers engaged in this business vertical, along with their sales and revenue estimations.

Chapter 3 elaborates on the highly competitive terrain of the market, highlighting the key manufacturers and vendors.

In Chapter 4, our team has fragmented the market on the basis of regions, underscoring the sales, revenue, and market share of each region over the forecast timeline.

Chapters 5 and 6 have laid emphasis on the market segmentation based on product type and application

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Full Press Release@ <https://www.emergenresearch.com/press-release/global-2d-chromatography-market>

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