

Exosomes Market Size, Share, Trends and Growth Analysis Report Forecast to 2030

*Market Size – USD 0.50 Billion in 2021,
Market Growth – at a CAGR of 18%,
Market Trends – Rapid scientific
advancements in exosome research and
technology*

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/EINPresswire.com/ -- Global [Exosomes
Market](#) Forecast to 2030

The Global Exosomes Market study includes a thorough analysis of market dynamics as well as historical and current data analysis. The report also discusses the key market growth driving and restraining factors that are likely to affect market growth during the forecast period. The Global Exosomes Market undertakes market scenario research to provide growth projections for the Exosomes industry from 2022 to 2030. The analysis focuses on potential growth possibilities and difficulties that market leaders may run across during the forecast period. The study places a lot of emphasis on newly emerging business elements, specialised sectors, product launches, and brand promotions that are taking place in the market.

The global exosomes market size reached USD 0.50 Billion in 2021 and is expected to register a revenue CAGR of 18% during the forecast period, according to latest analysis by Emergen Research. Increasing prevalence of cancer, rapid scientific advancements in exosome research and technology development, improved exosome separation, characterization, and component detection methods, and increasing number of clinical studies and trials in the field of exosome-based research are some key factors driving market revenue growth.

Exosomes have been progressively developed for disease therapy and diagnosis as the functions of exosomes in disease pathophysiological pathways have become understood. Exosome-mediated intercellular communication appears to have a role in the pathogenesis of a variety of diseases, including cancer, neurodegeneration, and other diseases.



Rapid scientific advances in exosome research and development, such as exosome-based nano-theranostics platforms, and designer exosomes, have facilitated highly promising diagnostic and therapeutic applications, sparking significant efforts for their translation into the clinical field. Exosome nanotechnology developments have opened up future opportunities in exosome-related physiology, biochemistry, pathology, and therapies, creating a solid basis for scientists to build and develop exosome-based nano-theranostics systems. Exosome engineering is a novel subject that has emerged as a result of many biotechnological approaches. Exosome engineering aims to accomplish a variety of objectives, including directing exosomes to a specific tissue or cell, loading exogenous drugs, proteins, or nucleic acids into exosomes, and enriching an endogenous molecule into the lumen of exosomes or on their surface. Recently, advanced research studies have integrated numerous exosome engineering methodologies to create designer exosomes, which are highly specialized exosomes.

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The section on the competitive landscape offers valuable and actionable insights related to the business sphere of the Exosomes market, covering extensive profiling of the key market players. The report offers information about market share, product portfolio, pricing analysis, and strategic alliances such as mergers and acquisitions, joint ventures, collaborations, partnerships, product launches and brand promotions, among others. The report also discusses the initiatives taken by the key companies to combat the impact of the COVID-19 pandemic.

Key Companies Profiled in the Report are:

QIAGEN, Takara Bio Company, Illumina, Inc., Thermo Fisher Scientific, Inc., Codiak Biosciences, Exosome Diagnostics, Evox Therapeutics, ExCoBio Inc., Bio-Rad Laboratories Ltd., and Beckman Coulter, Inc

Research Report on the Exosomes Market Addresses the Following Key Questions:

Who are the dominant players of the Exosomes market?

Which regional market is anticipated to have a high growth rate over the projected period?

What consumer trends and demands are expected to influence the operations of the market players in the Exosomes market?

What are the key growth drivers and restraining factors of the Exosomes market?

What are the expansion plans and strategic investment plans undertaken by the players to gain a robust footing in the market?

What is the overall impact of the COVID-19 pandemic on the Exosomes market and its key segments?

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Some Key Highlights From the Report

Kits segment accounted for moderate revenue share in 2021. With the growing interest in the pathological and physiological aspects of exosomal miRNAs, commercial kits that promise easy and rapid isolation processes have been created and are now available for usage. Commercial kits are reliable, quick, and need little sample, making them excellent for identifying exosomal miRNA disease indicators. Some commercial kits identified a higher miRNA yield in serum exosomes than traditional approaches like ultrafiltration. Some of the widely used commercial exosome isolation kits include Total Exosome Isolation for serum or plasma (Invitrogen, MA, USA), RIBO Exosome Isolation Reagent (RIBO, Guangzhou, China), and ExoQuick Exosome Precipitation Solution (System Biosciences, CA, USA).

Neurodegenerative disease segment accounted for significantly robust revenue share in 2021. According to Alzheimer's dementia, in 2022, an estimated 6.5 million Americans aged 65 and older will be living with Alzheimer's and dementia, with 73% of those aged 75 or older. Alzheimer's Disease and dementia affects around one in every nine persons in the United States or 10.7% of the population. Alzheimer's affects a higher percentage of people as they get older, with 5.0% of persons aged 65 to 74, 13.1% of those aged 75 to 84, and 33.2% of people aged 85 and older having the disease. Exosomes have a role in intercellular communication, the maintenance of the myelin sheath, and the elimination of waste in the nervous system and they have been detected in cerebrospinal fluid and peripheral bodily fluids, which have demonstrated variations during disease progression. As a result, they have been increasingly used as biomarkers for identifying neurodegenerative disease progression, especially in Alzheimer's disease. For instance, exosomal amyloid peptides have also been found in the brain plaques of Alzheimer's Disease (AD) patients, and tau phosphorylated at Thr-181, a proven biomarker for AD, has been present at elevated levels in exosomes isolated from cerebrospinal fluid specimens of AD patients with mild symptoms

Market in Europe accounted for moderate revenue share in 2021. This is attributed to factors such as an increase in research and development efforts as well as government-funded research programs in the field of exosome based research. Furthermore, the growing presence of notable industry participants and others contributes significantly to the region's market growth. For instance, Evox Therapeutics Ltd. ('Evox' or the 'Firm') has raised USD 95.4 million in a Series C funding transaction and this funding was highly oversubscribed, with both existing and new investors showing strong interest. Redmile Group led the Series C round, which was joined by additional investors OrbiMed and Invus. All existing Series B investors, including key backers Oxford Sciences Innovation (OSI), GV (previously Google Ventures), and Cowen Healthcare

Investments, reinvested alongside Redmile. Its mission is to commercialize exosomes that have been optimized for function.

Market Segmentations of the Exosomes Market

This market is segmented based on Types, Applications, and Regions. The growth of each segment provides accurate forecasts related to production and sales by Types and Applications, in terms of volume and value for the period between 2022 and 2030. This analysis can help readers looking to expand their business by targeting emerging and niche markets. Market share data is given on both global and regional levels. Regions covered in the report are North America, Europe, Asia Pacific, Latin America, and Middle East Africa. Research analysts assess the market positions of the leading competitors and provide competitive analysis for each company. For this study, this report segments the global Exosomes market on the basis of product, application, and region:

Segments Covered in this report are:

Type Outlook (Revenue, USD Billion; 2019-2030)

Biomarkers

Drug Delivery Systems

Vaccine Development

Therapeutic Agents

Others

Product Type Outlook (Revenue, USD Billion; 2019-2030)

Kits

Reagents

Instruments

Application Outlook (Revenue, USD Billion; 2019-2030)

Cancer

Neurodegenerative Disease

Cardiovascular Diseases

Infectious Diseases

Tissue Regeneration

Others

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Regional Landscape section of the Exosomes report offers deeper insights into the regulatory framework, current and emerging market trends, production and consumption patterns, supply and demand dynamics, import/export, and presence of major players in each region.

The various regions analyzed in the report include:

North America (U.S., Canada)

Europe (U.K., Italy, Germany, France, Rest of EU)

Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)

Latin America (Chile, Brazil, Argentina, Rest of Latin America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

Key reasons to buy the Global Exosomes Market report:

The latest report comprehensively studies the global Exosomes market size and provides useful inference on numerous aspects of the market, such as the current business trends, market share, product offerings, and product share.

The report offers an insightful analysis of the regional outlook of the market.

It offers a detailed account of the end-use applications of the products services offered by this industry.

The report holistically covers the latest developments taking place in this industry. Therefore, it lists the most effective business strategies implemented by the market rivals for ideal business expansion.

In conclusion, the Exosomes Market report is an exhaustive database that will help readers

formulate lucrative strategies. The Exosomes Market report studies the latest economic scenario with value, drivers, constraints, growth opportunities, challenges, demand and supply ratio, production capacity, import/export status, growth rate, and others. Additionally, the report also undertakes SWOT Analysis and Porter's Five Forces Analysis to study the leading companies.

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Eric Lee

Emergen Research

+91 90210 91709

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