

Exosome Research Market by Product & Service (Kits, Reagents (Antibodies, Isolation Purification), Instruments), Indication (Cancer, Infectious Diseases), Application (Biomarkers, Vaccines), Manufacturing Services (Stem cell) - Global Forecast to 2028

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Report description:

The exosome research market is projected to reach USD 356 million by 2028 from an estimated USD 169 million in 2023, at a CAGR of 16.0% during the forecast period. The growth of this market can be attributed to the increasing incidence of chronic diseases, including cancer, neurodegenerative disorders, and cardiovascular conditions, which has driven the demand for advanced diagnostic and therapeutic solutions. Exosomes, with their potential as biomarkers and therapeutic delivery vehicles, are positioned to address this demand.

"The kits & reagents segment accounted for the largest share by product & services in 2022."

In 2022, the platform segment accounted for the largest share of product & service in the global exosome research market. The factors like kits and reagents provide researchers with ready-to-use solutions, simplifying the complex processes involved in exosome research is impending growth of the segment. The convenience and user-friendly nature of these kits contribute to their widespread adoption, especially among researchers who may not have extensive expertise in exosome isolation and analysis.

"The North America region continued to dominate the exosome research market during the forecast period of 2023-2028."

North America dominated the global exosome research market in 2022. Government agencies in North America, such as the National Institutes of Health (NIH) in the United States, allocate significant funding to biomedical research. This funding supports a wide range of projects, including those related to exosome research. Government support provides a critical financial boost to researchers and institutions, fostering innovation and advancement in the field. These factors are contributing to the growth of the North American exosome research market.

The primary interviews conducted for this report can be categorized as follows:

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- By Respondent: Supply Side- 70% and Demand Side 30%
- By Designation: Managers - 45%, CXO & Directors - 30%, and Executives - 25%
- By Region: North America -40%, Europe -25%, Asia-Pacific -20%, Latin America -10% and Middle East & Africa- 5%

List of Companies Profiled in the Report:

- Thermo Fisher Scientific, Inc. (US)
- Bio-Techne (US)
- System Biosciences, LLC (US)
- QIAGEN (Germany)
- Lonza (Switzerland)
- NX Pharmagen (US)
- NanoSomiX (US)
- Miltenyi Biotech (Germany)
- Norgen Biotek Corp. (Canada)
- AMSBio (UK)
- Aethlon Medical, Inc. (US)
- Anjarium Biosciences AG (UK)
- Ciloa (France)
- InnovaPrep LLC (US)
- Creative Medical Technologies Holdings, Inc. (US)
- ILIAS Biologics, Inc. (South Korea)
- Unchained Labs (US)
- Rion, Inc. (US)
- Cell Guidance System, LLC (UK)
- INOVIQ (Australia)
- Danaher Corporation (US)
- Exopharm (Australia)
- Everzom (France)
- RoosterBio, Inc. (US)
- Creative Biolabs (US)

Research Coverage:

This research report categorizes the exosome research market by product & service (reagents & kits (antibodies, isolation purification, quantitation kits & reagents, and other kits & reagents) instruments, service), by indication (cancer indication (lung cancer, breast cancer, prostate cancer, colorectal cancer, other cancers), neurodegenerative diseases, cardiovascular diseases, infectious diseases, and other indications), by application (biomarkers, vaccine development, tissue regeneration, and other applications), by manufacturing services (stem cell-derived exosome manufacturing services, dendritic cell-derived exosome manufacturing services, and other manufacturing services) by end user (academic & research institutes, pharmaceutical & biotechnological companies, and hospitals & clinical laboratories). The report's scope encompasses detailed information regarding major influencing factors such as drivers, trends, challenges, and opportunities shaping the growth of the exosome research market. A comprehensive analysis of key industry players has been conducted to offer insights into their business overview, products, key strategies, collaborations, partnerships, and agreements. The report also covers recent developments, including new product launches, mergers, and acquisitions, in the exosome research market.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall exosome research market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints,

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opportunities, and challenges.

The report provides insights on the following pointers:

- Analysis of key drivers (Increasing investment in pharmaceutical and life sciences research, rising cancer prevalence, increasing interest in exosome-based procedures), restraints (Technical complexity of exosome isolation and technological limitations, regulatory uncertainty in exosome research), opportunities (Rising investments in emerging countries for exosome research, growing interest in exosome-based therapeutics, increasing demand for personalized medicine), and challenges (Lack of gold standard protocols for development & production of exosomes, limited understanding of cargo loading) influencing the growth of the market.
- Product Development/Innovation: Detailed insights on newly launched products in the exosome research market
- Market Development: Comprehensive information about lucrative markets - the report analyses the market across varied regions.
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the exosome research market
- Competitive Assessment: Thermo Fisher Scientific, Inc. (US), Bio-Techne (US), System Biosciences, LLC (US), QIAGEN (Germany), Lonza (Switzerland), NX Pharmagen (US), NanoSomiX (US), Miltenyi Biotech (Germany), Norgen Biotek Corp. (Canada), AMSBio (UK), Aethlon Medical, Inc. (US), Anjarium Biosciences AG (UK), Ciloa (France), InnovaPrep LLC (US), Creative Medical Technologies Holdings, Inc. (US), ILIAS Biologics, Inc. (South Korea), Unchained Labs (US), Rion, Inc. (US), Cell Guidance System, LLC (UK), INOVIQ (Australia), Danaher Corporation (US), Exopharm (Australia), Everzom (France), RoosterBio, Inc. (US), and Creative Biolabs (US).

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(Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

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