

CAR T Cell Therapy Market Size, Trends, Analysis, and Outlook By Product (Abecma (idecabtagene vicleucel), Breyanzi (lisocabtagene maraleucel), Carvykti (ciltacabtagene autoleucel), Kymriah (tisagenlecleucel), Tecartus (brexucabtagene autoleucel), Yescarta (axicabtagene ciloleucel), Others), By Disease Indication, Leukemia, Lymphoma, Multiple Myeloma, Others), By End-User (Hospitals, Cancer Treatment Centers), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global CAR T Cell Therapy market size is poised to register 25.5% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global CAR T Cell Therapy market across By Product (Abecma (idecabtagene vicleucel), Breyanzi (lisocabtagene maraleucel), Carvykti (ciltacabtagene autoleucel), Kymriah (tisagenlecleucel), Tecartus (brexucabtagene autoleucel), Yescarta (axicabtagene ciloleucel), Others), By Disease Indication, Leukemia, Lymphoma, Multiple Myeloma, Others), By End-User (Hospitals, Cancer Treatment Centers).

The CAR T Cell Therapy Market is witnessing significant growth and therapeutic innovation in 2024 and beyond, driven by advancements in cancer immunotherapy, cellular engineering, and adoptive cell transfer approaches aimed at harnessing the body's immune system, engineering T cells, and reprogramming immune cells to selectively target and eliminate cancer cells, tumor antigens, and malignant tissues

while sparing normal tissues and minimizing systemic toxicities in cancer patients with advanced or refractory disease states, offering potential curative treatment options, durable remission rates, and long-term survival benefits for patients with hematological malignancies, solid tumors, and metastatic cancers that are resistant to conventional therapies or associated with poor prognosis in current clinical practice. CAR T cell therapy, or chimeric antigen receptor (CAR) T cell therapy, is a form of cellular immunotherapy that involves genetically modifying patients' T cells to express chimeric antigen receptors (CARs) that recognize specific antigens expressed on cancer cells, tumor-associated antigens (TAAs), or tumor neoantigens, thereby enabling T cells to recognize, bind, and kill cancer cells upon antigen recognition, immune activation, and effector cell-mediated cytotoxicity mechanisms, offering targeted therapy options, personalized treatment approaches, and adoptive cell transfer strategies for patients with relapsed or refractory cancers, aggressive malignancies, or high-risk disease subtypes that have failed standard-of-care treatments or undergone multiple lines of therapy in clinical practice. Key trends include the development of next-generation CAR T cell therapies, armored CAR T cells, and dual-targeted CAR T cells that enhance T cell persistence, tumor infiltration, and antitumor efficacy while reducing treatment-related toxicities, cytokine release syndrome (CRS), and neurotoxicity in cancer patients undergoing CAR T cell infusions, as well as the integration of combinatorial immunotherapy approaches, rational drug combinations, and immune checkpoint blockade inhibitors that synergize with CAR T cell therapy, checkpoint inhibitors, and targeted agents to overcome treatment resistance mechanisms, enhance treatment response rates, and prolong progression-free survival and overall survival in cancer patients with refractory or relapsed disease. Additionally, there is a growing emphasis on manufacturing scalability, supply chain logistics, and commercialization strategies that facilitate global market access, patient access to CAR T cell therapies, and reimbursement coverage for cellular immunotherapy treatments in healthcare systems worldwide, as well as a growing focus on collaborative partnerships between biopharmaceutical companies, academic research institutions, and healthcare providers to advance CAR T cell therapy research, accelerate clinical translation, and improve patient outcomes in oncology practice worldwide.

CAR T Cell Therapy Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The CAR T Cell Therapy market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of CAR T Cell Therapy survey report provides the market size outlook across types, applications, and other segments across the world and regions. It

provides data-driven insights and actionable recommendations for companies in the CAR T Cell Therapy industry.

Key market trends defining the global CAR T Cell Therapy demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

CAR T Cell Therapy Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The CAR T Cell Therapy industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support CAR T Cell Therapy companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the CAR T Cell Therapy industry

Leading CAR T Cell Therapy companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 CAR T Cell Therapy companies.

CAR T Cell Therapy Market Study- Strategic Analysis Review

The CAR T Cell Therapy market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their

approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

CAR T Cell Therapy Market Size Outlook- Historic and Forecast Revenue in Three Cases

The CAR T Cell Therapy industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

CAR T Cell Therapy Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America CAR T Cell Therapy Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various CAR T Cell Therapy market segments. Similarly, Strong end-user demand is encouraging Canadian CAR T Cell Therapy companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico CAR T Cell Therapy market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe CAR T Cell Therapy Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European CAR T Cell Therapy industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European CAR T Cell Therapy market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific CAR T Cell Therapy Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for CAR T Cell Therapy in Asia Pacific. In particular, China, India, and South East Asian CAR T Cell Therapy markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America CAR T Cell Therapy Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa CAR T Cell Therapy Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar,

Kuwait, and other GCC countries supports the overall Middle East CAR T Cell Therapy market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for CAR T Cell Therapy.

CAR T Cell Therapy Market Company Profiles

The global CAR T Cell Therapy market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Bluebird bio Inc, Bristol-Myers Squibb Company, Gilead Sciences Inc, GSK plc, Johnson & Johnson Services Inc, JW Therapeutics (Shanghai) Co. Ltd, Merck & Co. Inc, Novartis AG, Sangamo Therapeutics, Sorrento Therapeutics Inc

Recent CAR T Cell Therapy Market Developments

The global CAR T Cell Therapy market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

CAR T Cell Therapy Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Abecma (idecabtagene vicleucel)

Breyanzi (lisocabtagene maraleucel)

Carvykti (ciltacabtagene autoleucel)

Kymriah (tisagenlecleucel)

Tecartus (brexucabtagene autoleucel)

Yescarta (axicabtagene ciloleucel)

Others

By Disease Indication

Leukemia

Lymphoma

Multiple Myeloma

Others

By End-user

Hospitals

Cancer Treatment Centers

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Bluebird bio Inc

Bristol-Myers Squibb Company

Gilead Sciences Inc

GSK plc

Johnson & Johnson Services Inc

JW Therapeutics (Shanghai) Co. Ltd

Merck & Co. Inc

Novartis AG

Sangamo Therapeutics

Sorrento Therapeutics Inc

Formats Available: Excel, PDF, and PPT

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Tecartus (brexucabtagene autoleucel)
Yescarta (axicabtagene ciloleucel)

Others

By Disease Indication

Leukemia

Lymphoma

Multiple Myeloma

Others

By End-user

Hospitals

Cancer Treatment Centers

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Bristol-Myers Squibb Company

Gilead Sciences Inc

GSK plc

Johnson & Johnson Services Inc

JW Therapeutics (Shanghai) Co. Ltd

Merck & Co. Inc

Novartis AG

Sangamo Therapeutics

Sorrento Therapeutics Inc

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