

Middle East Cell And Gene Therapy CDMO Market Size, Share & Trends Analysis Report By Phase (Pre-clinical, Clinical), By Product (Gene Therapy, Gene-Modified Cell Therapy, Cell Therapy), By Indication (Oncology, Infectious Diseases), By Country, And Segment Forecasts, 2025 - 2033

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Abstracts

The Middle East cell and gene therapy CDMO market size was estimated at USD 55.68 million in 2024 and is projected to reach USD 184.18 million by 2033, growing at a CAGR of 14.23% from 2025 to 2033. The market is driven due to several factors, including rising investments in advanced therapeutics, increasing prevalence of genetic disorders, increasing government support for biotech innovation, and the growing need for specialized manufacturing services.

The market is primarily driven due to the region's growing focus on biotechnology innovation and the rising demand for personalized and advanced therapeutic solutions. Governments across the region, mainly the UAE and Saudi Arabia, are actively investing in life sciences and precision medicine as part of their national development visions (Saudi Vision 2030). Thus, these factors have led to the creation of biotech hubs, innovation zones, and public-private partnerships, which are significantly boosting local capabilities in contract development and manufacturing. Moreover, the increasing cases of rare genetic disorders and cancers in the region are also one of the factors that are prompting both local and international biotech firms to outsource complex manufacturing processes to contract development and manufacturing organizations (CDMOs) specializing in gene-modified therapies, viral vector production, and cell engineering.

Furthermore, increasing strategic collaborations between regional healthcare systems and global pharmaceutical and biotech companies are also contributing to market growth. Several companies are tapping into the region's untapped market and are forming alliances with local CDMOs and research institutions to facilitate clinical development, scale-up production, and market entry. Moreover, regional regulatory authorities are making considerable initiatives to streamline approval processes for advanced therapies, establish centralized frameworks for clinical trials, and ensure GMP-compliant manufacturing environments. Thus, these factors are further fueling market growth.

Middle East Cell And Gene Therapy CDMO Market Report Segmentation

This report forecasts revenue growth at regional levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the Middle East Cell and Gene Therapy CDMO market report based on phase, product, indication, and country.

Phase Outlook (Revenue, USD Million, 2021 - 2033)

Pre-clinical

Clinical

Product Outlook (Revenue, USD Million, 2021 - 2033)

Gene Therapy

Ex-vivo

In-vivo

Gene-Modified Cell Therapy

CAR T-cell therapies

CAR-NK cell therapy

TCR-T cell therapy

Cell Therapy

Indication Outlook (Revenue, USD Million, 2021 - 2033)

Oncology

Infectious Diseases

Neurological disorders

Rare Diseases

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

Middle East

Saudi Arabia

UAE

Kuwait

Oman

Qatar

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