

Asia-Pacific Cell and Gene Therapy Manufacturing QC Market: Analysis and Forecast, 2023-2033

<https://marketpublishers.com/r/A18FADB43679EN.html>

Date: January 2024

Pages: 0

Price: US\$ 2,950.00 (Single User License)

ID: A18FADB43679EN

Abstracts

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Introduction to Asia-Pacific Cell and Gene Therapy Manufacturing QC Market

The Asia-Pacific cell and gene therapy manufacturing QC market was valued at \$426.3 million in 2023 and is expected to reach \$2,233.6 million by 2033, growing at a CAGR of 18.01% during the forecast period 2023-2033. The cell and gene therapy manufacturing quality control (QC) market is projected to grow due to the rising number of approved therapies and the need for expanded infrastructure. Furthermore, the broader range of medical conditions targeted by cell and gene therapies necessitates large-scale manufacturing and QC processes, contributing to market growth.

Market Introduction

The Asia-Pacific (APAC) region is witnessing significant growth in the cell and gene therapy manufacturing quality control (QC) market. This expansion is driven by several factors, including the rising adoption of advanced therapies, increasing investments in biotechnology and pharmaceutical sectors, and the presence of a skilled workforce. Moreover, the growing prevalence of chronic diseases in the region has accelerated the demand for innovative cell and gene therapies, necessitating stringent QC measures. APAC countries are actively involved in research and development activities, fostering collaborations with biotech companies. As a result, the APAC cell and gene therapy manufacturing QC market is poised for substantial growth in the coming years, contributing to the advancement of healthcare solutions in the region.

Market Segmentation

Segmentation 1: by Therapy Type

Cell Therapy

Gene Therapy

Segmentation 2: by Offering

Products

Services

Segmentation 3: by Process

Raw Material Preparation

Upstream Processing

Downstream Processing

Packaging

Segmentation 4: by Application

Safety Testing

Potency Testing

Identity Testing

Stability and Genetic Fidelity Testing

Others

Segmentation 5: by Technology

Polymerase Chain Reaction (PCR)

Flow Cytometry

Limulus Amebocyte Lysate (LAL)

Enzyme-Linked Immunosorbent Assay (ELISA)

Chromatography

Mass Spectrometry

Western Blotting

Next-Generation Sequencing (NGS)

Electrophoresis

Other Technologies

Segmentation 6: by Country

China

Japan

South Korea

Australia

India

Rest-of-Asia-Pacific and Japan

How can this report add value to an organization?

Workflow/Innovation Strategy: The APAC cell and gene therapy manufacturing QC market (by offering) has been segmented into products and services. Moreover, the study provides the reader with a detailed understanding of the different applications of cell and gene therapy manufacturing QC in raw material preparation, upstream processing, downstream processing, and packaging.

Growth/Marketing Strategy: Cell and gene therapy manufacturing QC is being used for raw material preparation, upstream processing, downstream processing, and packaging. Various companies are providing products and services to aid in the manufacturing and QC of various cell and gene therapies, which is also the key strategy for market players to excel in the current APAC cell and gene therapy manufacturing QC market.

Competitive Strategy: Key players in the APAC cell and gene therapy manufacturing QC market have been analyzed and profiled in the study, including manufacturers involved in new product launches, acquisitions, expansions, and strategic collaborations. Moreover, a detailed competitive benchmarking of the players operating in the APAC cell and gene therapy manufacturing QC market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as partnerships, agreements, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

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