

# Cell & Gene Therapy Bioanalytical Testing Services Market on Track to Achieve USD 950.06 Mn Value with a 7.3% CAGR

*The growing existence of detrimental illnesses such as cancer, which require enduring cures, is driving the market demand.*

NEW YORK CITY, NY, UNITED STATES, October 21, 2024 /EINPresswire.com/ -- Our [cell & gene therapy bioanalytical testing services market](#) report has been prepared using advanced methodologies and research techniques to help businesses make strategic business decisions.



The application of growingly strict government security directives is forcing researchers to advance elevated usefulness, sheltered cell and gene therapies."

*Polaris Market Research*

The most recent research study by Polaris Market Research reveals that the cell & gene therapy bioanalytical testing services market is anticipated to flourish at a stable rate. With a projected CAGR of 7.3%, the market was valued at USD 503.91 million in 2023. It is ready to grow to USD 950.06 million by 2032.

## Market Introduction:

Drug advancement for gene and cell therapeutics needs an aggregate of distinct reflections for observing security and productivity. For instance, gene therapies need that the vector be traced succeeding dispensing to regulate the tissues or sites where these therapeutic confines and remains. This is acknowledged as biodistribution and usually takes place in the course of preclinical animal testing by utilizing a PCR approach to locate vector or transgene series in several biofluid and tissue specimens.

For cell therapy commodities, the adjusted cells must be entirely portrayed as a segment of the manufacturing procedure. This might involve the usage of PCR for deciding the replica aggregate of positioned genes. For cells that have been changed utilizing lentiviral instruments, PCR can be utilized to locate any surplus lentivirus in the ultimate drug commodity. The continuing progression of contemporary cell and gene therapy is pushing the cell & gene therapy bioanalytical testing services market demand.

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Who Makes Cell & Gene Therapy Bioanalytical Testing Services?

- BioAgilytix Labs
- Charles River Laboratories
- Intertek Group Plc.
- IQVIA, Inc.
- KCAS Bioanalytical Services
- Laboratory Corporation of America Holdings
- Pharmaron
- Pharmaceutical Product Development, Inc.
- Prolytix
- SGS SA
- Syneos Health

Market Drivers and Opportunities:

- **Continual Progressions:** Contemporary advancements in the market are generating favorable conditions. For instance, as per the review published in Nature Biotechnology, the consent of cell and gene therapies extended to an apex in 2023. This involves five gene therapies, CRISPR-Cas9-edited therapies, and sole illness-modifying Alzheimer's drugs. Thus, the growing advancement of contemporary cell services is boosting the demand for cell & gene therapy bioanalytical testing services market growth.
- **Sizeable Investments:** The growing demand for cell and gene therapies is pushing sizeable funding in the advancement ventures, thus escalating the requirement for bioanalytical testing solutions in this sector. For instance, the New York management declared USD 98 million in funding for cell and gene therapy manufacturing to reinforce the outline and production of cancer cures and alternate rejuvenating technologies.
- **Healthcare Research Initiatives:** The growing consciousness and advantages of cell and gene therapies are promoting healthcare research enterprises globally. Continuing research alliances to improve cell and gene therapy potential generate demand for bioanalytical testing services.

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**Cell & Gene Therapy Bioanalytical Testing Services Market**

**7.3%**  
CAGR from 2024 - 2032

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Segmental Analysis:

By Test Type:

- Bioavailability & Bioequivalence Studies
- Pharmacokinetics
- Pharmacodynamics
- Others

By Product Type:

- Gene Therapy
- Gene-Modified Cell Therapy
- Cell Therapy

By Stage of Development:

- Nonclinical
- Clinical

By Indication:

- Infectious Diseases
- Neurological disorders
- Oncology
- Rare Diseases
- Others

• The cell & gene therapy bioanalytical testing services market segmentation is based on test type, product type, stage of development, indication, and region.

• By test type analysis, the bioavailability and bioequivalence segment held the largest market share. This is due to surging drug advancement ventures. Bioequivalence studies are utilized to observe the human body response and the operation of the cure.

• By product type analysis, the cell therapy segment is poised to register a significant CAGR. This is due to the growing advancements in cell therapies.

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Regional Overview:

The research report covers all the major regions and sub-regions of the cell & gene therapy bioanalytical testing services market. The study provides market insights into North America,

Europe, Asia Pacific, Latin America, and the Middle East & Africa.

- Asia Pacific: Asia Pacific accounted for the largest market share. This is primarily because of the growing existence of detrimental health conditions involving cancer and neurological and genetic illnesses, sanctioning firms to push their gene and cell therapy research.
- Europe: Europe is anticipated to witness the fastest CAGR from 2024 to 2032. The region's government and nongovernment firms are reinforcing progressions in cell and gene therapies by offering funds to organizations involved in R&D ventures.

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The [cell & gene therapy bioanalytical testing services industry](#) is expected to reach USD 950.06 million by 2032, exhibiting a CAGR of 7.3% during 2024–2032.

FAQs:

How much is the cell & gene therapy bioanalytical testing services market?

The market size was valued at USD 503.9 million in 2023 and is projected to grow to USD 950.06 million by 2032.

What is the growth rate of the cell & gene therapy bioanalytical testing services market?

The global market is projected to grow at a CAGR of 7.3% during the forecast period.

Which region held the largest market share?

Asia Pacific had the largest share of the global market due to the rising prevalence of chronic health conditions.

Which product type led the market?

The cell therapy category dominated the market in 2023 due to the rising development of cell therapies is positively impacting the demand for bioanalytical testing services.

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