

Latin America Gene Expression Market Report and Forecast 2024-2032

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Report description:

Latin America Gene Expression Market Report and Forecast 2024-2032

Latin America Gene Expression Market Size

The global gene expression market was valued at USD 13.3 billion in 2023, with Latin America holding a significant market share. The market is driven by the growing emphasis on genomics research. It is expected to grow at a CAGR of 8.50% during the forecast period of 2024-2032, with the values likely to attain USD 32.4 billion by 2032.

Latin America Gene Expression Market Outlook

- In December 2023, a cross-sectional survey published in the Lancet reported that respondents in Uruguay had the highest levels of self-reported chronic diseases, accounting for 43.2% of the cases. The rising burden of chronic diseases is expected to drive the market demand in the region.

- One of the major Latin America gene expression market trends is the increased strategic partnerships among the key market players to improve access to advanced genomic technologies. In May 2023, Pfizer, and Thermo Fisher Scientific Inc., entered into a collaboration agreement to boost local access to next-generation sequencing (NGS)-based testing for lung and breast cancer patients in over 30 countries including Latin America.

- In April 2022, Illumina Inc., announced the launch of a new Solution Center in Brazil, to address the increasing demand for clinical genomics. Such rapid expansion of genomic testing and gene expression analysis capabilities is anticipated to elevate the market value.

Latin America Gene Expression Market Analysis

The market offers products and services used to study and analyze gene expression including devices for extracting genetic material, amplifying DNA or RNA, and analyzing gene expression patterns. The rising technological advancements leading to enhanced speed, accuracy, and affordability of gene expression analysis coupled with the growing demand for personalized treatment approaches are expected to drive the Latin America gene expression market growth.

Latin America is experiencing a high burden of chronic diseases such as cancer, diabetes, and cardiovascular diseases. In

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December 2023 , a cross-sectional survey of 4 Latin American countries (Colombia, Mexico, Peru, and Uruguay) published in the Lancet reported that respondents in Uruguay had the highest levels of self-reported chronic diseases, accounting for 43.2% of the cases as compared with approximately 25% in the three other countries. Since gene expression studies are integral for understanding these diseases and developing advanced diagnostic and therapeutic strategies, the Latin America gene expression market demand is expected to witness a surge.

One of the major market trends is the increased strategic partnerships among the key market players to improve access to advanced genomic technologies and impact patient outcomes. For instance, in May 2023, Pfizer and Thermo Fisher Scientific Inc., entered into a collaboration agreement to boost local access to next-generation sequencing (NGS)-based testing for lung and breast cancer patients in over 30 countries including Latin America. This rising availability and adoption of next-generation sequencing technologies are likely to augment the demand for gene expression analysis tools and technologies, thereby propelling market growth.

The Latin America gene expression market share is also influenced by the growing emphasis on genomics research supported by substantial investments from both the public and private sectors. In April 2022, Illumina Inc ., announced the launch of a new regional Solution Center in Sao Paulo, Brazil, to address the increasing demand and interest for clinical genomics in Latin America. Such rapid expansion of genomic testing and gene expression analysis capabilities is anticipated to elevate the market value.

Latin America Gene Expression Market Segmentation??

The report offers a detailed analysis of the market based on the following segments:

Market Breakup by Process

- Sample Collection
- Purification
- cDNA Synthesis & Conversion
- PCR Analysis
- Data Analysis & Interpretation

Market Breakup by Application

- Clinical Diagnostics
- Drug Discovery & Development
- Research Activities
- Other Applications

Market Breakup by Technique

- RNA Expression
- Promoter Analysis
- Protein Expression & Posttranslational Modification Analysis

Market Breakup by Product

- Consumables
- Instruments
- Services

Market Breakup by End User

- Pharmaceutical and biotechnology companies
- Diagnostic laboratories
- Academic research centers

Market Breakup by Country

- Brazil

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? Argentina

? Mexico

? Others

Leading Players in the Latin America Gene Expression Market

The key features of the market report include patent analysis, grants analysis, funding and investment analysis, partnerships, and collaborations analysis by the leading key players. The major companies in the market are as follows:

- PerkinElmer
- Illumina, Inc.
- Oxford Gene Technology (OGT) Group
- Luminex Corporation
- QIAGEN
- Affymetrix
- Life Technologies
- Agilent Technologies
- Bio-Rad Laboratories
- GE Healthcare

Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

FAQs

- What is the Latin America gene expression market forecast outlook for 2024-2032?

The Latin America gene expression market is expected to be driven by the rising demand for the global market, which is anticipated to grow at a CAGR of 10.42% during the forecast period of 2024-2032 and is likely to reach a market value of USD 32.4 billion by 2032.

- What are the major factors aiding the Latin America gene expression market demand?

The growing demand for personalized medicine and precision care is fuelling the demand for the market.

- What are the major Latin America gene expression market trends?

One of the significant trends in the market include increased strategic partnerships among the key market players to improve access to advanced genomic technologies. In May 2023, Pfizer and Thermo Fisher Scientific Inc., entered into a collaboration agreement to boost local access to NGS-based testing in over 30 countries including Latin America.

- What is the market segmentation based on the process?

Based on the process, the market is segmented into sample collection, purification, cDNA synthesis and conversion, PCR analysis, and data analysis and interpretation.

- What are the applications of the market?

Major applications of gene expression include clinical diagnostics, drug discovery and development, research activities, and other applications.

- What is the market breakup by technique?

By technique, the market is divided into RNA expression, promoter analysis, protein expression and posttranslational modification analysis

- What is the market breakup by product?

By therapeutic area, the market is divided into consumables, instruments, and services.

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-[]What are the major end users of the market?

End users of the market are pharmaceutical and biotechnology companies, diagnostic laboratories, and academic research centers.

-[]What is the market segmentation by countries?

The market segmentation by countries includes Brazil, Argentina, and Mexico, among others.

-[]Who are the key players involved in the Latin America gene expression market?

The key players in the market are PerkinElmer, Illumina, Inc., Oxford Gene Technology (OGT) Group, Luminex Corporation, QIAGEN, Affymetrix, Life Technologies, Agilent Technologies, Bio-Rad Laboratories, and GE Healthcare.

Meta description

The Latin America gene expression market is poised for growth, driven by the expansion of the global market, which was valued at USD 13.3 billion in 2023 and is projected to grow at a CAGR of 10.42% during the forecast period of 2024-2032.

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*Additional insights provided are customisable as per client requirements.

* The coverage of the Market Landscape section depends on the data availability and may cover a minimum of 80% of the total market. The EMR team strives to make this section as comprehensive as possible.

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