

# Global Cell Line Identification and Characterization Testing Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Cell Line Identification and Characterization Testing market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

Verifying the identity and purity of human cell lines is essential to the integrity of research activities. Companies in the cell line authentication and characterization tests market are increasing R&D in human cell authentication assays that identify short term repeat (STR) markers. Stakeholders in the cell line authentication and characterization tests market are making use of multiplex polymerase chain reaction (PCR) to simultaneously amplify the amelogenin gene and some of the most informative polymorphic markers in the human genome.

This report is a detailed and comprehensive analysis for global Cell Line Identification and Characterization Testing market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### Key Features:

Global Cell Line Identification and Characterization Testing market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices

(US\$/Unit), 2020-2031

Global Cell Line Identification and Characterization Testing market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Cell Line Identification and Characterization Testing market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Cell Line Identification and Characterization Testing market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Cell Line Identification and Characterization Testing

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Cell Line Identification and Characterization Testing market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bio-Synthesis, Inc., Cell Line Genetics, Inc., Charles River Laboratories, DNA Forensics Lab India, Eurofins Genomics (Eurofins Scientific), GenomeScan, Laboratory Corporation of America Holdings, Microsynth AG, NorthGene Limited (Biofortuna Limited), Perfectus Biomed Limited, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Cell Line Identification and Characterization Testing market is split by Type and by

Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Short Tandem Repeat (STR) Analysis

Single Nucleotide Polymorphism (SNP) Analysis

Others

#### Market segment by Application

Microbial Contamination

Cell Line Identity

Genetic Stability

Virus Testing

Others

#### Major players covered

Bio-Synthesis, Inc.

Cell Line Genetics, Inc.

Charles River Laboratories

DNA Forensics Lab India

Eurofins Genomics (Eurofins Scientific)

GenomeScan

Laboratory Corporation of America Holdings

Microsynth AG

NorthGene Limited (Biofortuna Limited)

Perfectus Biomed Limited

Promega Corporation

SGS SA

Sigma-Aldrich Co. LLC. (Merck KGaA)

Thermo Fisher Scientific, Inc.

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Cell Line Identification and Characterization Testing product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Cell Line Identification and Characterization Testing, with price, sales quantity, revenue, and global market share of

Cell Line Identification and Characterization Testing from 2020 to 2025.

Chapter 3, the Cell Line Identification and Characterization Testing competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Cell Line Identification and Characterization Testing breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Cell Line Identification and Characterization Testing market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Cell Line Identification and Characterization Testing.

Chapter 14 and 15, to describe Cell Line Identification and Characterization Testing sales channel, distributors, customers, research findings and conclusion.

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