

HLA Typing Market by Technology (PCR (SSO, SSP, Real Time), Sequencing (NGS, Sanger)), Product (Instrument, Reagent, Software), Application (Chimerism, Antibody Screening), End User (Hospital, Diagnolab, Academia) & Region - Global Forecast to 2028

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Abstracts

The HLA typing market is projected to reach USD 2.1 billion in 2028 from USD 1.4 billion in 2022 with a CAGR of 6.5% during the forecast period. The need and strong demand for clinical diagnostic procedures that can provide early diagnosis of infectious diseases, graft rejections, autoimmune diseases, and cancer have supported rising research activities. According to the Journal of Human Genetics (2015), research on the human leukocyte antigen (HLA) molecule (involved in immunity) has benefitted greatly from NGS technologies. Thus, several high-throughput HLA-typing methods using NGS have been developed, as NGS technology enables complete HLA sequencing mechanisms, facilitating the understanding of HLA gene modulation, including transcription, regulation of gene expression, and epigenetics. Thus, government organizations and private players increasingly support research activities that target gene profiling and cross-matching in prospective subjects.

“The molecular assay technologies segment to hold the largest share of the market in 2022”

In 2022, the molecular assay technologies segment was projected to account for the highest share. The high market share of the segment is credited to the profits of molecular assay technologies like real-time sample analysis multi-sample study capabilities, high procedural efficacy, , and low turnaround times.

“The reagents & consumables is holding the largest share of the market in 2022”

Based on product & service, The consumables & reagents segment reported for the highest share among all the three of the HLA typing market in 2022. The increasing use of reagents & consumables in HLA typing; the increasing acceptance of reagents & consumables in research studies; growing patient importance on early and effective treatment planning transplantation diagnosis over major geographies are predictable to determine market growth for this segment over the forecast period.

“The HLA Typing market in North America region is projected to witness the highest growth over the forecast period.”

North America reported the largest share of 45.0% of the HLA typing market in 2022. This highest share of North America is credited to the increased adoption of developed diagnostics tools, rising incidence and prevalence of chronic disorders in Canada and the US and growing technological developments.

While APAC is expected to witness significant growth in the coming years. The HLA typing market in the APAC region is expected to register a CAGR of 7.5% during the forecast period, primarily due to the growing number of hospitals in Asian countries and favorable government initiatives.

A breakdown of the primary participants referred to for this report is provided below:

By Company Type: Tier 1–40%, Tier 2–30%, and Tier 3– 30%

By Designation: C-level–27%, Director-level–18and Others–55%

By Region: North America–35.3%, Europe–20%, Asia Pacific–15%, Latin America–10%, and the Middle East & Africa–5%

The prominent player in HLA typing market are Bio-Rad Laboratories, Inc. (US), F. Hoffmann-La Roche Ltd. (Switzerland), QIAGEN N.V. (Netherlands), Thermo Fisher Scientific Inc. (US), and bioM?rieux S.A. (France). Other players in the market are Immucor, Inc. (US), Illumina, Inc. (US), Luminex Corporation (US), CareDx (US), Becton, Dickinson and Company (US), Hologic (US), GenDx (Netherlands), and Biofortuna (UK), among others

Research Coverage

This report studies the in HLA typing market based on product & service, technology, application, end user, and region. It also covers the factors affecting market growth, analyzes the various opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micro markets with respect to their individual growth trends and forecasts the revenue of the market segments with respect to five main regions (and the respective countries in these regions).

Reasons to Buy the Report

The report will enable established and entrants/smaller firms to gauge the market's pulse, which, in turn, would help them garner a larger market share. Firms purchasing the report could use one or a combination of the below-mentioned strategies for strengthening their market presence.

This report provides insights on the following pointers:

Market Penetration: Comprehensive information on the product portfolios offered by the top players in the microcatheter market.

Product Development/Innovation: Detailed insights on the upcoming trends, R&D activities, and product launches in the microcatheter market.

Market Development: Comprehensive information on lucrative emerging regions

Market Diversification: Exhaustive information about new products, growing geographies, and recent developments in the microcatheter market.

Competitive Assessment: In-depth assessment of market segments, growth strategies, revenue analysis, and products of the leading market players.

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*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

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