

# Sample Preparation Market Trends, Research Report, Growth, Opportunities, Forecast 2022-2028

The global sample preparation market is projected to grow at a CAGR of around 7% during the forecast period. Based on the product type, the market is segmented into instruments, kits, and consumables. The instruments segment is further sectioned into workstation, automated evaporation system, liquid handling instrument, and others. While kits are sub-segmented into purification kit, isolation kit, and extraction kit. The liquid handling instrument segment is projected to contribute significant share in the global sample preparation market.

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The factors that contribute towards the segmental growth of the market include increasing R&D investment in the biotechnology, advancements in the next-generation sequencing, and increasing requirement for accuracy in laboratory analysis. Further, assay miniaturization in drug discovery and inclusion of automation in medical institutions and research centers are also likely to flourish the market growth during the forecast period. The emergence of the robotics and automation in the systems along with the development of the liquid handling instrument for the microfluidic studies and single-cell analysis are developing numerous expansion opportunities for the growth of the sample preparation market during the forecast period.

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Automation in medical and research institutes have positively influenced the sample preparation industry due to an increase in efficiency through the accurate and precise performance of advanced automated liquid handling tools. R&D is significantly benefitted by automation, which includes consistency, quality control, and optimization of results. The companies such as Thermo Fisher Scientific, Agilent Technologies, and Hamilton Co., provide innovatively and advance liquid handling instruments. These automated liquid handling solutions are designed with stringent manufacturing specifications, which are tighter and accurate than standard pipette tips, and contribute significantly to providing efficiency and accuracy.

However, certain factors are hindering the growth of the sample preparation market. High set up costs and complexities in operations of liquid handling instruments and lack of research initiative in developing countries such as Brazil are estimated to be the major constraints in the growth of the market. Nevertheless, the prominent players operating in the market are indulged in several activities that creates scope for the market growth. Players operating in the market include Agilent Technologies Inc., Bio-Rad Laboratories Inc., Danaher Corp., PerkinElmer Inc., Illumina Inc., Thermo Fisher Scientific Inc., F. Hoffmann La Roche Ltd, and others.

# Global Sample Preparation Market – Segmentation By Product Type

- Instrument
- Kits
- Consumables

# By Application

- Proteomics
- Genomics
- Epigenomics
- Others

### By End-User

- Pharmaceutical & Biotechnology
- Other End-Users

# Global Sample Preparation Market – Segmentation by Region North America

- United States
- Canada

# Europe

- Germany
- United Kingdom
- France
- Spain
- Italy
- Rest of Europe

# Asia-Pacific

- China
- Japan
- India

• Rest of Asia-Pacific

### **Rest of the World**

- Middle East & Africa
- Latin America

### **Company Profiles**

- Agilent Technologies Inc.
- ALS Ltd.
- Bio-Rad Laboratories Inc.
- Buehler Ltd.
- COVARIS, INC.
- Danaher Corp.
- Hoffmann La Roche Ltd
- Hamilton Co.
- Illumina Inc.
- Merck KGaA
- Norgen Biotek Corp.
- PerkinElmer Inc.
- Qiagen NV
- Tecan Group Ltd.

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