

High-Performance Liquid Chromatography (HPLC) Market - Forecasts from 2017 to 2022

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Abstracts

Global High-Performance Liquid Chromatography market is projected to grow from US\$4.462 billion in 2017 to US\$5.672 billion in 2022, growing at a CAGR of 4.91% over the forecast period. High-Performance Liquid Chromatography (HPLC) is a technique which helps in separating and identifying of components in a mixture. Ongoing research and development is contributing to expanding application of HPLC applications in medical, research, and manufacturing sector. Moreover, the high sensitivity and accuracy of HPLC endorses its increasing adoption by law enforcement agencies for detecting performance enhancement drugs in urine, thereby augmenting the market growth. HPLC tests are gaining prominence for drug approvals as many countries have started focusing on using this technology. Other factors such as growing popularity of the LC-MS technique and surging lifesciences R&D spending is also propelling the HPLC market growth. However, high cost equipment will be key challenge to market growth over the forecast period. Manufacturers are increasingly focusing on developing improved technologies that can help researchers with high-quality analysis. This will push the HPLC market growth upwards over the next five years. Moreover, the developing economies like China and India are expected to create numerous opportunities for HPLC equipment vendors over the projected period.

By Product

Instrument segment accounted a notable market share in 2016 owing to increasing use of HPLC equipment for analysis across various sectors. However, consumables segment is expected to grow at the high rate over the projected period. The growth is majorly driven by technological advancements in the HPLC for consumables. The growing investments in the healthcare sector and expanding importance of HPLC in drug approval is significantly contributing to the segment's growth.

By Geography

Geographically, North America accounted for the major market share in 2016 and will remain a key regional market over the forecasted period. The extensive R&D spending in the United States is the primary factor boosting this regional market growth. Moreover, flourishing pharmaceuticals industry in Canada is significantly contributing to the high North America regional market share. However, Asia Pacific is projected to witness a high growth over the projected period owing to high demand for these systems from China and India, because of increasing investments by the government and private players in pharmaceuticals and research sector.

Competitive Insight

The major players discussed in the report include Shimadzu Corporation, Agilent Technologies, Phenomenex, Thermo Fisher Scientific, Waters Corporation, Jasco, PerkinElmer, Novasep, Bio-Rad Laboratories, and Gilson.

The global HPLC market is dominated by few players owing to their capability to invest in continuous research and development. Moreover, the need for skilled labour and knowledge coupled with high initial investment restricts the entry of new entrants which further enhance the position of existing players.

Segmentation

High-Performance Liquid Chromatography market has been segmented by product, application and geography.

By Product

- Instruments
- Consumables
- Accessories

By Application

- Manufacturing
- Research
- Law Enforcement

Medical
Others

By Geography

Americas
North America
South America
Europe Middle East and Africa
Europe
Middle East and Africa
Asia Pacific

Key questions answered by the report

What will be the High-Performance Liquid Chromatography market size from 2017 to 2022?

How are the major drivers and restraints affecting the global High-Performance Liquid Chromatography market growth and the opportunities which exist for key vendors?

Which segment and region will drive or lead the market growth and why?

A comprehensive analysis of competitive landscape and key market participants' behaviour

Key strategies being adopted by vendors, with in-depth analysis along with their impact on competition and market growth

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