

# Global High-performance Liquid Chromatography (HPLC) Market by Product (Instruments, consumable and Accessories), Application (Clinical Research, Diagnostics, Forensics and others), Regional Forecasts 2021-2027

<https://marketpublishers.com/r/G694658AC207EN.html>

Date: June 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G694658AC207EN

## Abstracts

Global High-performance Liquid Chromatography (HPLC) Market is valued approximately at USD 4.5 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 4.6% over the forecast period 2021-2027. HPLC (high-performance liquid chromatography) is essentially a more advanced version of column chromatography. It's a chromatographic technique for separating, identifying, and quantifying the constituents of a mixture. A liquid sample is passed over a solid adsorbent material packed into a column utilizing a flow of liquid solvent in this approach. Each analyte in the sample interacts with the adsorbent material in a slightly different way, decreasing the flow of the reagents. Growing popularity of hyphenated techniques and increasing pharmaceutical R&D spending are driving the market growth of high performance liquid chromatography market in the upcoming years. For instance, as per Statista, The R&D spending in United State, for pharmaceutical industry grew from USD 136 million in 2012 to USD 186 million in 2019. Furthermore, players in the market are inventing new columns to withstand the high pressure and advancing technology to better the end result. Over the forecast period, this is projected to drive market growth. However, high cost of equipment, may impede market growth over the forecast period of 2021-2027.

The worldwide HPLC market is expected to be dominated by North America. The expanding number of preclinical operations by CROs and pharmaceutical firms, as well as the developing food and agriculture industries in Canada, are driving market expansion in this region. However, Asia-Pacific is expected to develop at the fastest

rate during the upcoming years. Extensive sales of biosimilars and generics in Japan, as well as expansion in the pharma and biotech industries in India and China, are some of the primary reasons driving the HPLC market in Asia.

Major market player included in this report are:

Shimadzu Corporation  
Thermo Fisher Scientific  
Merck KGaA  
Bio-Rad Laboratories, Inc.  
Mitsubishi Chemical Corporation  
Tosoh Corporation  
General Electric  
Agilent Technologies, Inc.  
PerkinElmer, Inc.  
Gilson, Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

ByProducts:

Instruments

Accessories

Consumables

ByApplication:

Clinical Research

Diagnostics

Forensic

Other Applications

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global High-performance Liquid Chromatography (HPLC)Market in Market Study:

Key Consulting Companies &amp; Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers  
Investors

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
  - 1.2.1. High-performance Liquid Chromatography (HPLC) Market, by Region, 2019-2027 (USD Billion)
  - 1.2.2. High-performance Liquid Chromatography (HPLC) Market, by Product, 2019-2027 (USD Billion)
  - 1.2.3. High-performance Liquid Chromatography (HPLC) Market, by Application, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) MARKET DYNAMICS**

- 3.1. High-performance Liquid Chromatography (HPLC) Market Impact Analysis (2019-2027)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing popularity of hyphenated techniques
    - 3.1.1.2. Increasing pharmaceutical R&D spending
  - 3.1.2. Market Restraint
    - 3.1.2.1. High cost of equipment
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Emerging markets in the Asia Pacific region
    - 3.1.3.2. Increasing use of chromatography in the purification of monoclonal

antibodies

## **CHAPTER 4. GLOBAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)

### 4.2. PEST Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological

### 4.3. Investment Adoption Model

### 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)MARKET, BYPRODUCT**

### 5.1. Market Snapshot

### 5.2. Global High-performance Liquid Chromatography (HPLC)Market by Product, Performance - Potential Analysis

### 5.3. Global High-performance Liquid Chromatography (HPLC)MarketEstimates & Forecasts by Product2018-2027 (USD Billion)

### 5.4. High-performance Liquid Chromatography (HPLC)Market, Sub Segment Analysis

- 5.4.1. Instruments
- 5.4.2. Consumables
- 5.4.3. Accessories

## **CHAPTER 6. GLOBAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)MARKET , BY APPLICATION**

### a. Market Snapshot

### 6.1. Global High-performance Liquid Chromatography (HPLC)Market by Application, Performance - Potential Analysis

6.2. Global High-performance Liquid Chromatography (HPLC)Market Estimates & Forecasts by Application 2018-2027 (USD Billion)

6.3. High-performance Liquid Chromatography (HPLC)Market , Sub Segment Analysis

6.3.1. Clinical Research

6.3.2. Diagnostics

6.3.3. Forensic

6.3.4. Other Applications

## **CHAPTER 7. GLOBAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)MARKET, REGIONAL ANALYSIS**

7.1. High-performance Liquid Chromatography (HPLC)Market, Regional Market Snapshot

7.2. North America High-performance Liquid Chromatography (HPLC)Market

7.2.1. U.S.High-performance Liquid Chromatography (HPLC)Market

7.2.1.1. Productbreakdown estimates & forecasts, 2018-2027

7.2.1.2. Application breakdown estimates & forecasts, 2018-2027

7.2.2. CanadaHigh-performance Liquid Chromatography (HPLC)Market

7.3. Europe High-performance Liquid Chromatography (HPLC)Market Snapshot

7.3.1. U.K. High-performance Liquid Chromatography (HPLC)Market

7.3.2. Germany High-performance Liquid Chromatography (HPLC)Market

7.3.3. France High-performance Liquid Chromatography (HPLC)Market

7.3.4. Spain High-performance Liquid Chromatography (HPLC)Market

7.3.5. Italy High-performance Liquid Chromatography (HPLC)Market

7.3.6. Rest of EuropeHigh-performance Liquid Chromatography (HPLC)Market

7.4. Asia-PacificHigh-performance Liquid Chromatography (HPLC)Market Snapshot

7.4.1. China High-performance Liquid Chromatography (HPLC)Market

7.4.2. India High-performance Liquid Chromatography (HPLC)Market

7.4.3. JapanHigh-performance Liquid Chromatography (HPLC)Market

7.4.4. Australia High-performance Liquid Chromatography (HPLC)Market

7.4.5. South Korea High-performance Liquid Chromatography (HPLC)Market

7.4.6. Rest of Asia PacificHigh-performance Liquid Chromatography (HPLC)Market

7.5. Latin America High-performance Liquid Chromatography (HPLC)Market Snapshot

7.5.1. Brazil High-performance Liquid Chromatography (HPLC)Market

7.5.2. Mexico High-performance Liquid Chromatography (HPLC)Market

7.6. Rest of The World High-performance Liquid Chromatography (HPLC)Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Top Market Strategies
- 8.2. Company Profiles
  - 8.2.1. Shimadzu Corporation
    - 8.2.1.1. Key Information
    - 8.2.1.2. Overview
    - 8.2.1.3. Financial (Subject to Data Availability)
    - 8.2.1.4. ProductSummary
    - 8.2.1.5. Recent Developments
  - 8.2.2. Thermo Fisher Scientific
  - 8.2.3. Merck KGaA
  - 8.2.4. Bio-Rad Laboratories, Inc.
  - 8.2.5. Mitsubishi Chemical Corporation
  - 8.2.6. Tosoh Corporation
  - 8.2.7. General Electric
  - 8.2.8. Agilent Technologies, Inc.
  - 8.2.9. PerkinElmer, Inc.
  - 8.2.10. Gilson, Inc.

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 2. Global High-performance Liquid Chromatography (HPLC)Market, report scope

TABLE 3. Global High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by region 2018-2027 (USD Billion)

TABLE 4. Global High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by Product2018-2027 (USD Billion)

TABLE 5. Global High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 6. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 7. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 19. Global High-performance Liquid Chromatography (HPLC)Market by region,

estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Global High-performance Liquid Chromatography (HPLC)Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Global High-performance Liquid Chromatography (HPLC)Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. High-performance Liquid Chromatography (HPLC)Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 23. U.S. High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. U.S. High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. Canada High-performance Liquid Chromatography (HPLC)Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 26. Canada High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. Canada High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. UK High-performance Liquid Chromatography (HPLC)Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 29. UK High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. UK High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. Germany High-performance Liquid Chromatography (HPLC)Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 32. Germany High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. Germany High-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. FranceHigh-performance Liquid Chromatography (HPLC)Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 35. FranceHigh-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. FranceHigh-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. SpainHigh-performance Liquid Chromatography (HPLC)Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 38. SpainHigh-performance Liquid Chromatography (HPLC)Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 39. Spain High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. Italy High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 41. Italy High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. Italy High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. ROE High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 44. ROE High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. ROE High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. China High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 47. China High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. China High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. India High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 50. India High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. India High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. Japan High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 53. Japan High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Japan High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Australia High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 56. Australia High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. Australia High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 58. South Korea High-performance Liquid Chromatography (HPLC) Market

estimates & forecasts, 2018-2027 (USD Billion)

TABLE 59. South Korea High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. South Korea High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 61. ROPAC High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 62. ROPAC High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. ROPAC High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 64. Brazil High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 65. Brazil High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Brazil High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 67. Mexico High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 68. Mexico High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. Mexico High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 70. ROLA High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 71. ROLA High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROLA High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 73. ROW High-performance Liquid Chromatography (HPLC) Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 74. ROW High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. ROW High-performance Liquid Chromatography (HPLC) Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 76. List of secondary sources used in the study of global High-performance Liquid Chromatography (HPLC) Market.

TABLE 77. List of primary sources used in the study of global High-performance Liquid Chromatography (HPLC) Market.

TABLE 78. Years considered for the study.

TABLE 79. Exchange rates considered.



## List Of Figures

### LIST OF FIGURES

FIG 1. Global High-performance Liquid Chromatography (HPLC)Market, research methodology

FIG 2. Global High-performance Liquid Chromatography (HPLC)Market, market estimation techniques

FIG 3. Global market size estimates & forecast methods

FIG 4. Global High-performance Liquid Chromatography (HPLC)Market, key trends 2020

FIG 5. Global High-performance Liquid Chromatography (HPLC)Market, growth prospects 2021-2027

FIG 6. Global High-performance Liquid Chromatography (HPLC)Market, porters 5 force model

FIG 7. Global High-performance Liquid Chromatography (HPLC)Market, pest analysis

FIG 8. Global High-performance Liquid Chromatography (HPLC)Market, value chain analysis

FIG 9. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 10. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 11. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 12. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 13. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 14. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 15. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 16. Global High-performance Liquid Chromatography (HPLC)Market by segment, 2018 & 2027 (USD Billion)

FIG 17. Global High-performance Liquid Chromatography (HPLC)Market, regional snapshot 2018 & 2027

FIG 18. North America High-performance Liquid Chromatography (HPLC)Market2018 & 2027 (USD Billion)

FIG 19. Europe High-performance Liquid Chromatography (HPLC)Market2018 & 2027

(USD Billion)

FIG 20. Asia-Pacific High-performance Liquid Chromatography (HPLC)Market2018 & 2027 (USD Billion)

FIG 21. Latin America High-performance Liquid Chromatography (HPLC)Market2018 & 2027 (USD Billion)

FIG 22. Global High-performance Liquid Chromatography (HPLC)Market, company market share analysis (2020)

## I would like to order

Product name: Global High-performance Liquid Chromatography (HPLC) Market by Product (Instruments, consumable and Accessories), Application (Clinical Research, Diagnostics, Forensics and others), Regional Forecasts 2021-2027

Product link: <https://marketpublishers.com/r/G694658AC207EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G694658AC207EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below



and fax the completed form to +44 20 7900 3970