

Global High-Resolution Melting Analysis Market Size study, by Product & Services (Reagents and Consumables, Instruments, Software and Services), by Application (SNP Genotyping, Mutation Discovery, Pathogen Identification, Others), by End-User (Research Laboratories and Academic Institutes, Pharmaceutical and Biotechnology Companies, Others) and Regional Forecasts 2020-2027

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Abstracts

Global High-Resolution Melting Analysis Market is valued at approximately USD 99.7 million in 2019 and is anticipated to grow with a healthy growth rate of more than 9.8% over the forecast period 2020-2027. High resolution melting is a relatively new, post-polymerase chain reaction (PCR) analysis methods used to detect variations in nucleic acid sequences. Also, the technique is extensively used in molecular biology for the identification of polymorphisms, mutations, and epigenetic changes in double-stranded deoxyribonucleic acid (DNA) samples. Further, this technique is enabled by increased dsDNA-binding dyes consumed together with real-time PCR instrumentation that has accurate temperature ramp control and sophisticated data capture abilities. Data are examined and influenced by utilizing software designed exclusively for HRM analysis. The technique is often fast and robust than that of other genotyping technologies; therefore, making them capable to precisely genotype many samples quickly, which may accelerate the market growth worldwide. With increasing chronic diseases or disorders, especially genetic, the market is likely to grow mainly due to its benefits in early diagnostics. For instance, in 2018, the International Agency for Research on Cancer (IARC) estimated that around 17.0 million new cancer cases were reported globally, and also 9.5 million cancer deaths were registered. Also, it is projected that the

global burden of cancer is likely to reach almost 27.5 million new cancer cases and 16.3 million cancer deaths by 2040. Furthermore, the surging utility of HRM in pathogen identification, coupled with the rise in total health expenditure are the few factors responsible for the high CAGR of the market during the forecast period. According to the World Health Organization, the global spending on healthcare was estimated USD 7.8 trillion in 2017, an increase of almost 2.63% from 2016 that holds almost USD 7.6 trillion. This, in turn, is expected to strengthen the market growth all over the world. However, the technical limitations related to HRM-QPCR analysis, coupled with the limited reimbursement policies are the few major factors hampering the market growth over the forecast period of 2020-2027.

The regional analysis of the global high-resolution melting analysis market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the increasing investment in research and development across pharma and biopharma sector, and the presence of a significant number of market vendors in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the rise in prevalence of infectious disorder and life-threatening diseases and improving healthcare infrastructure in developing countries, such as China and India, would create lucrative growth prospects for the high-resolution melting analysis market across the Asia-Pacific region.

Major market player included in this report are:

F. Hoffmann-La Roche AG

Bio-Rad Laboratories, Inc.

Agilent Technologies, Inc.

Qiagen N.V.

Thermo Fisher Scientific Inc.

Idaho Technology, Inc.

Illumina, Inc.

Kapa Biosystems

Azura Genomics Inc.

Canon 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:

By Product & Services:

Reagents and Consumables

Instruments

Software and Services

By Application:

SNP Genotyping

Mutation Discovery

Pathogen Identification

Others

By End-User:

Research Laboratories and Academic Institutes

Pharmaceutical and Biotechnology Companies

Others

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 – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global High-Resolution Melting Analysis Market in Market Study:

Key Consulting Companies & 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, 2018-2027 (USD Million)
 - 1.2.1. High-Resolution Melting Analysis Market, by Region, 2018-2027 (USD Million)
 - 1.2.2. High-Resolution Melting Analysis Market, by Product & Services, 2018-2027 (USD Million)
 - 1.2.3. High-Resolution Melting Analysis Market, by Application, 2018-2027 (USD Million)
 - 1.2.4. High-Resolution Melting Analysis Market, by End-User, 2018-2027 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL HIGH-RESOLUTION MELTING ANALYSIS 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-RESOLUTION MELTING ANALYSIS MARKET DYNAMICS

- 3.1. High-Resolution Melting Analysis Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL HIGH-RESOLUTION MELTING ANALYSIS 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 (2017-2027)
- 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-RESOLUTION MELTING ANALYSIS MARKET, BY PRODUCT & SERVICES

- 5.1. Market Snapshot
- 5.2. Global High-Resolution Melting Analysis Market by Product & Services, Performance - Potential Analysis
- 5.3. Global High-Resolution Melting Analysis Market Estimates & Forecasts by Product & Services 2017-2027 (USD Million)
- 5.4. High-Resolution Melting Analysis Market, Sub Segment Analysis
 - 5.4.1. Reagents and Consumables
 - 5.4.2. Instruments
 - 5.4.3. Software and Services

CHAPTER 6. GLOBAL HIGH-RESOLUTION MELTING ANALYSIS MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global High-Resolution Melting Analysis Market by Application, Performance - Potential Analysis
- 6.3. Global High-Resolution Melting Analysis Market Estimates & Forecasts by Application 2017-2027 (USD Million)
- 6.4. High-Resolution Melting Analysis Market, Sub Segment Analysis
 - 6.4.1. SNP Genotyping
 - 6.4.2. Mutation Discovery
 - 6.4.3. Pathogen Identification
 - 6.4.4. Others

CHAPTER 7. GLOBAL HIGH-RESOLUTION MELTING ANALYSIS MARKET, BY END-USER

- 7.1. Market Snapshot
- 7.2. Global High-Resolution Melting Analysis Market by End-User - Potential Analysis
- 7.3. Global High-Resolution Melting Analysis Market Estimates & Forecasts by End-User 2017-2027 (USD Million)
- 7.4. High-Resolution Melting Analysis Market, Sub Segment Analysis
 - 7.4.1. Research Laboratories and Academic Institutes
 - 7.4.2. Pharmaceutical and Biotechnology Companies
 - 7.4.3. Others

CHAPTER 8. GLOBAL HIGH-RESOLUTION MELTING ANALYSIS MARKET, REGIONAL ANALYSIS

- 8.1. High-Resolution Melting Analysis Market, Regional Market Snapshot
- 8.2. North America High-Resolution Melting Analysis Market
 - 8.2.1. U.S. High-Resolution Melting Analysis Market
 - 8.2.1.1. Product & Services breakdown estimates & forecasts, 2017-2027
 - 8.2.1.2. Application breakdown estimates & forecasts, 2017-2027
 - 8.2.1.3. End-User breakdown estimates & forecasts, 2017-2027
 - 8.2.2. Canada High-Resolution Melting Analysis Market
- 8.3. Europe High-Resolution Melting Analysis Market Snapshot
 - 8.3.1. U.K. High-Resolution Melting Analysis Market
 - 8.3.2. Germany High-Resolution Melting Analysis Market
 - 8.3.3. France High-Resolution Melting Analysis Market
 - 8.3.4. Spain High-Resolution Melting Analysis Market
 - 8.3.5. Italy High-Resolution Melting Analysis Market
 - 8.3.6. Rest of Europe High-Resolution Melting Analysis Market
- 8.4. Asia-Pacific High-Resolution Melting Analysis Market Snapshot
 - 8.4.1. China High-Resolution Melting Analysis Market
 - 8.4.2. India High-Resolution Melting Analysis Market
 - 8.4.3. Japan High-Resolution Melting Analysis Market
 - 8.4.4. Australia High-Resolution Melting Analysis Market
 - 8.4.5. South Korea High-Resolution Melting Analysis Market
 - 8.4.6. Rest of Asia Pacific High-Resolution Melting Analysis Market
- 8.5. Latin America High-Resolution Melting Analysis Market Snapshot
 - 8.5.1. Brazil High-Resolution Melting Analysis Market

- 8.5.2. Mexico High-Resolution Melting Analysis Market
- 8.6. Rest of The World High-Resolution Melting Analysis Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. F. Hoffmann-La Roche AG
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. Bio-Rad Laboratories, Inc.
 - 9.2.3. Agilent Technologies, Inc.
 - 9.2.4. Qiagen N.V.
 - 9.2.5. Thermo Fisher Scientific Inc.
 - 9.2.6. Idaho Technology, Inc.
 - 9.2.7. Illumina, Inc.
 - 9.2.8. Kapa Biosystems
 - 9.2.9. Azura Genomics Inc.
 - 9.2.10. Canon Inc.

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global High-Resolution Melting Analysis market, report scope
- TABLE 2. Global High-Resolution Melting Analysis market estimates & forecasts by region 2017-2027 (USD Million)
- TABLE 3. Global High-Resolution Melting Analysis market estimates & forecasts by Product & Services 2017-2027 (USD Million)
- TABLE 4. Global High-Resolution Melting Analysis market estimates & forecasts by Application 2017-2027 (USD Million)
- TABLE 5. Global High-Resolution Melting Analysis market estimates & forecasts by End-User 2017-2027 (USD Million)
- TABLE 6. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 7. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 8. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 9. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 10. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 11. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 12. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 13. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 14. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 15. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 16. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 17. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)
- TABLE 18. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 19. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 20. Global High-Resolution Melting Analysis market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 21. Global High-Resolution Melting Analysis market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 22. U.S. High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 23. U.S. High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 24. U.S. High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 25. Canada High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 26. Canada High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 27. Canada High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 28. UK High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 29. UK High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 30. UK High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 31. Germany High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 32. Germany High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 33. Germany High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 34. France High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 35. France High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 36. France High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 37. Spain High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 38. Spain High-Resolution Melting Analysis market estimates & forecasts by

segment 2017-2027 (USD Million)

TABLE 39. Spain High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 40. Italy High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 41. Italy High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 42. Italy High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 43. ROE High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 44. ROE High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 45. ROE High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 46. China High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 47. China High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 48. China High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 49. India High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 50. India High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 51. India High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 52. Japan High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 53. Japan High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 54. Japan High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 55. Australia High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 56. Australia High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 57. Australia High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 58. South Korea High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 59. South Korea High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 60. South Korea High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 61. ROPAC High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 62. ROPAC High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 63. ROPAC High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 64. Brazil High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 65. Brazil High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 66. Brazil High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 67. Mexico High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 68. Mexico High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 69. Mexico High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 70. ROLA High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 71. ROLA High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 72. ROLA High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 73. ROW High-Resolution Melting Analysis market estimates & forecasts, 2017-2027 (USD Million)

TABLE 74. ROW High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 75. ROW High-Resolution Melting Analysis market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 76. List of secondary sources, used in the study of global High-Resolution Melting Analysis market

TABLE 77. List of primary sources, used in the study of global High-Resolution Melting

Analysis market

TABLE 78. Years considered for the study

TABLE 79. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global High-Resolution Melting Analysis market, research methodology
- FIG 2. Global High-Resolution Melting Analysis market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global High-Resolution Melting Analysis market, key trends 2019
- FIG 5. Global High-Resolution Melting Analysis market, growth prospects 2020-2027
- FIG 6. Global High-Resolution Melting Analysis market, porters 5 force Model
- FIG 7. Global High-Resolution Melting Analysis market, pest analysis
- FIG 8. Global High-Resolution Melting Analysis market, value chain analysis
- FIG 9. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 10. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 11. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 12. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 13. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 14. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 15. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 16. Global High-Resolution Melting Analysis market by segment, 2017 & 2027 (USD Million)
- FIG 17. Global High-Resolution Melting Analysis market, regional snapshot 2017 & 2027
- FIG 18. North America High-Resolution Melting Analysis market 2017 & 2027 (USD Million)
- FIG 19. Europe High-Resolution Melting Analysis market 2017 & 2027 (USD Million)
- FIG 20. Asia-Pacific High-Resolution Melting Analysis market 2017 & 2027 (USD Million)
- FIG 21. Latin America High-Resolution Melting Analysis market 2017 & 2027 (USD Million)
- FIG 22. Global High-Resolution Melting Analysis market, company market share analysis (2019)

COMPANIES MENTIONED

F. Hoffmann-La Roche AG
Bio-Rad Laboratories, Inc.
Agilent Technologies, Inc.
Qiagen N.V.
Thermo Fisher Scientific Inc.
Idaho Technology, Inc.
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