

High Resolution Melting Analysis Market Size, Share & Trends Analysis Report By Product (Instruments), By Application (Mutation Scanning, Epigenetics), By End-use (Academic Research), By Region, And Segment Forecasts, 2025 - 2030

<https://marketpublishers.com/r/HBA88CF2ADA9EN.html>

Date: February 2025

Pages: 100

Price: US\$ 5,950.00 (Single User License)

ID: HBA88CF2ADA9EN

Abstracts

This report can be delivered to the clients within 3 Business Days

High Resolution Melting Analysis Market Growth & Trends

The global high resolution melting analysis market size is expected to reach USD 375.8 million by 2030, growing at a CAGR of 2.7% from 2025 to 2030, according to a new report by Grand View Research Inc. Increasing incidences of cancer, sickle cell anemia, HIV and other STDs are expected to positively reinforce demand for smart and simple molecular diagnostics.

Based on analyzing the disease trends and relatively lower treatment rates suggests that the demand for gene mutation and other genomic tests are expected to increase significantly over the next few years. Recent developments in the field of QPCR, next generation sequencing, genomics and big data analytics have been instrumental in strengthening the precision medicine approach. The U.S. FDA has already approved some of the treatments which are designed to meet the requirements of a specific genetic makeup or the genomic profile of the patient's tumor.

For instance, the U.S FDA has approved a new treatment for cystic fibrosis (CF) in January, 2012. The drug kalydec was approved for patients reported to have a specific genetic mutation known as "G551D mutation. The number of mutations which can lead to CF is in hundreds, and the G551D mutation is responsible for nearly 4% of the cases in the U.S.

Furthermore, in 2015, the Obama administration has announced the Precision Medicine Initiative with an investment of USD 216 million in the 2016 president's budget. This

initiative is expected to positively reinforce the HRM analysis market over the forecast period.

High Resolution Melting Analysis Market Report Highlights

Clinical diagnostics is anticipated to be the fastest-growing segment, with a CAGR of 3.1% from 2025 to 2030.

The detection of acquired mutations/mutation scanning/SNP typing segment held a highest revenue share in 2024.

In 2024, North America dominated the overall HRM analysis market with a share of nearly 36.0%. Key factors attributed are high disease prevalence rates, presence of large number of academic universities; strong pharmaceutical and biotech industry, presence of large number genetic testing centers, and rapid adoption of novel technologies for improving the healthcare outcomes.

Asia Pacific high resolution melting analysis market is expected to expand at the fastest CAGR of 4.9% over the forecast period, owing to the high population growth and the increasing number of cancer cases and other chronic diseases leading to high unmet medical needs in the region.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Segment Definitions
 - 1.2.1. Product
 - 1.2.2. Application
 - 1.2.3. End Use
- 1.3. Estimates and Forecast Timeline
- 1.4. Research Methodology
- 1.5. Information Procurement
 - 1.5.1. Purchased Database
 - 1.5.2. GVR's Internal Database
 - 1.5.3. Secondary Sources
 - 1.5.4. Primary Research
- 1.6. Information Analysis
 - 1.6.1. Data Analysis Models
- 1.7. Market Formulation & Data Visualization
- 1.8. Model Details
 - 1.8.1. Commodity Flow Analysis
- 1.9. List of Secondary Sources
- 1.10. Objectives

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot
- 2.2. Segment Snapshot
- 2.3. Competitive Landscape Snapshot

CHAPTER 3. HIGH RESOLUTION MELTING ANALYSIS MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Market Dynamics
 - 3.2.1. Market Driver Analysis
 - 3.2.2. Market Restraint Analysis
- 3.3. Business Environment Analysis
 - 3.3.1. Industry Analysis - Porter's Five Forces Analysis

- 3.3.1.1. Supplier Power
- 3.3.1.2. Buyer Power
- 3.3.1.3. Substitution Threat
- 3.3.1.4. Threat of New Entrants
- 3.3.1.5. Competitive Rivalry
- 3.3.2. PESTLE Analysis

CHAPTER 4. HIGH RESOLUTION MELTING ANALYSIS MARKET: PRODUCT BUSINESS ANALYSIS

- 4.1. Product Market Share, 2024 & 2030
- 4.2. Product Segment Dashboard
- 4.3. Market Size & Forecasts and Trend Analysis, by Product, 2018 to 2030 (USD Million)
- 4.4. Instruments
 - 4.4.1. Instruments Market, 2018 - 2030 (USD Million)
- 4.5. Reagents
 - 4.5.1. Reagents Market, 2018 - 2030 (USD Million)
- 4.6. Software
 - 4.6.1. Software Market, 2018 - 2030 (USD Million)

CHAPTER 5. HIGH RESOLUTION MELTING ANALYSIS MARKET: APPLICATION BUSINESS ANALYSIS

- 5.1. Application Market Share, 2024 & 2030
- 5.2. Application Segment Dashboard
- 5.3. Market Size & Forecasts and Trend Analysis, by Application, 2018 to 2030 (USD Million)
- 5.4. Detection of Acquired Mutations/Mutation Scanning/SNP Typing
 - 5.4.1. Detection of Acquired Mutations/Mutation Scanning/SNP Typing Market, 2018 - 2030 (USD Million)
- 5.5. Microbial Species Identification
 - 5.5.1. Microbial Species Identification Market, 2018 - 2030 (USD Million)
- 5.6. Zygosity Testing
 - 5.6.1. Zygosity Testing Market, 2018 - 2030 (USD Million)
- 5.7. Epigenetics/Methylation Profiling and Drug-Resistant
 - 5.7.1. Epigenetics/Methylation Profiling and Drug-Resistant Market, 2018 - 2030 (USD Million)

CHAPTER 6. HIGH RESOLUTION MELTING ANALYSIS MARKET: END USE BUSINESS ANALYSIS

- 6.1. End Use Market Share, 2024 & 2030
- 6.2. End Use Segment Dashboard
- 6.3. Market Size & Forecasts and Trend Analysis, by End Use, 2018 to 2030 (USD Million)
- 6.4. Academic Research
 - 6.4.1. Academic Research Market, 2018 - 2030 (USD Million)
- 6.5. Clinical Diagnostics
 - 6.5.1. Clinical Diagnostics Market, 2018 - 2030 (USD Million)

CHAPTER 7. HIGH RESOLUTION MELTING ANALYSIS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 7.1. Regional Market Share Analysis, 2024 & 2030
- 7.2. Regional Market Dashboard
- 7.3. Market Size, & Forecasts Trend Analysis, 2018 to 2030:
- 7.4. North America
 - 7.4.1. North America High Resolution Melting Analysis Market Estimates and Forecasts, By Country, 2018 - 2030 (USD Million)
 - 7.4.2. U.S.
 - 7.4.2.1. Key Country Dynamics
 - 7.4.2.2. Regulatory Framework
 - 7.4.2.3. Competitive Insights
 - 7.4.2.4. U.S. High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.4.3. Canada
 - 7.4.3.1. Key Country Dynamics
 - 7.4.3.2. Regulatory Framework
 - 7.4.3.3. Competitive Insights
 - 7.4.3.4. Canada High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 7.4.4. Mexico
 - 7.4.4.1. Key Country Dynamics
 - 7.4.4.2. Regulatory Framework
 - 7.4.4.3. Competitive Insights
 - 7.4.4.4. Mexico High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5. Europe

7.5.1. Europe High Resolution Melting Analysis Market Estimates and Forecasts, By Country, 2018 - 2030 (USD Million)

7.5.2. Germany

7.5.2.1. Key Country Dynamics

7.5.2.2. Regulatory Framework

7.5.2.3. Competitive Insights

7.5.2.4. Germany High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.3. UK

7.5.3.1. Key Country Dynamics

7.5.3.2. Regulatory Framework

7.5.3.3. Competitive Insights

7.5.3.4. UK High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.4. France

7.5.4.1. Key Country Dynamics

7.5.4.2. Regulatory Framework

7.5.4.3. Competitive Insights

7.5.4.4. France High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.5. Italy

7.5.5.1. Key Country Dynamics

7.5.5.2. Regulatory Framework

7.5.5.3. Competitive Insights

7.5.5.4. Italy High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.6. Spain

7.5.6.1. Key Country Dynamics

7.5.6.2. Regulatory Framework

7.5.6.3. Competitive Insights

7.5.6.4. Spain High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.7. Denmark

7.5.7.1. Key Country Dynamics

7.5.7.2. Regulatory Framework

7.5.7.3. Competitive Insights

7.5.7.4. Denmark High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.8. Sweden

7.5.8.1. Key Country Dynamics

7.5.8.2. Regulatory Framework

7.5.8.3. Competitive Insights

7.5.8.4. Sweden High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.5.9. Norway

7.5.9.1. Key Country Dynamics

7.5.9.2. Regulatory Framework

7.5.9.3. Competitive Insights

7.5.9.4. Norway High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6. Asia Pacific

7.6.1. Asia Pacific High Resolution Melting Analysis Market Estimates and Forecasts, By Country, 2018 - 2030 (USD Million)

7.6.2. Japan

7.6.2.1. Key Country Dynamics

7.6.2.2. Regulatory Framework

7.6.2.3. Competitive Insights

7.6.2.4. Japan High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.3. China

7.6.3.1. Key Country Dynamics

7.6.3.2. Regulatory Framework

7.6.3.3. Competitive Insights

7.6.3.4. China High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.4. India

7.6.4.1. Key Country Dynamics

7.6.4.2. Regulatory Framework

7.6.4.3. Competitive Insights

7.6.4.4. India High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.5. Australia

7.6.5.1. Key Country Dynamics

7.6.5.2. Regulatory Framework

7.6.5.3. Competitive Insights

7.6.5.4. Australia High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.6. South Korea

7.6.6.1. Key Country Dynamics

7.6.6.2. Regulatory Framework

7.6.6.3. Competitive Insights

7.6.6.4. South Korea High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.6.7. Thailand

7.6.7.1. Key Country Dynamics

7.6.7.2. Regulatory Framework

7.6.7.3. Competitive Insights

7.6.7.4. Thailand High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.7. Latin America

7.7.1. Latin America High Resolution Melting Analysis Market Estimates and Forecasts, By Country, 2018 - 2030 (USD Million)

7.7.2. Brazil

7.7.2.1. Key Country Dynamics

7.7.2.2. Regulatory Framework

7.7.2.3. Competitive Insights

7.7.2.4. Brazil High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.7.3. Argentina

7.7.3.1. Key Country Dynamics

7.7.3.2. Regulatory Framework

7.7.3.3. Competitive Insights

7.7.3.4. Argentina High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.8. MEA

7.8.1. MEA High Resolution Melting Analysis Market Estimates and Forecasts, By Country, 2018 - 2030 (USD Million)

7.8.2. South Africa

7.8.2.1. Key Country Dynamics

7.8.2.2. Regulatory Framework

7.8.2.3. Competitive Insights

7.8.2.4. South Africa High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.8.3. Saudi Arabia

7.8.3.1. Key Country Dynamics

7.8.3.2. Regulatory Framework

7.8.3.3. Competitive Insights

7.8.3.4. Saudi Arabia High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.8.4. UAE

7.8.4.1. Key Country Dynamics

7.8.4.2. Regulatory Framework

7.8.4.3. Competitive Insights

7.8.4.4. UAE High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

7.8.5. Kuwait

7.8.5.1. Key Country Dynamics

7.8.5.2. Regulatory Framework

7.8.5.3. Competitive Insights

7.8.5.4. Kuwait High Resolution Melting Analysis Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Participant Overview

8.2. Company Market Position Analysis

8.3. Company Categorization

8.4. Strategy Mapping

8.5. Company Profiles/Listing

8.5.1. Thermo Fisher Scientific Inc.

8.5.1.1. Overview

8.5.1.2. Financial Performance

8.5.1.3. Product Benchmarking

8.5.1.4. Strategic Initiatives

8.5.2. Bio-Rad Laboratories, Inc.

8.5.2.1. Overview

8.5.2.2. Financial Performance

8.5.2.3. Product Benchmarking

8.5.2.4. Strategic Initiatives

8.5.3. F. Hoffman-La Roche Ltd.

8.5.3.1. Overview

8.5.3.2. Financial Performance

8.5.3.3. Product Benchmarking

8.5.3.4. Strategic Initiatives

8.5.4. Bio Farma

- 8.5.4.1. Overview
- 8.5.4.2. Financial Performance
- 8.5.4.3. Product Benchmarking
- 8.5.4.4. Strategic Initiatives
- 8.5.5. QIAGEN
 - 8.5.5.1. Overview
 - 8.5.5.2. Financial Performance
 - 8.5.5.3. Product Benchmarking
 - 8.5.5.4. Strategic Initiatives
- 8.5.6. Illumina, Inc.
 - 8.5.6.1. Overview
 - 8.5.6.2. Financial Performance
 - 8.5.6.3. Product Benchmarking
 - 8.5.6.4. Strategic Initiatives
- 8.5.7. Agilent Technologies, Inc.
 - 8.5.7.1. Overview
 - 8.5.7.2. Financial Performance
 - 8.5.7.3. Product Benchmarking
 - 8.5.7.4. Strategic Initiatives
- 8.5.8. BIOM?RIEUX
 - 8.5.8.1. Overview
 - 8.5.8.2. Financial Performance
 - 8.5.8.3. Product Benchmarking
 - 8.5.8.4. Strategic Initiatives
- 8.5.9. Meridian Bioscience, Inc.
 - 8.5.9.1. Overview
 - 8.5.9.2. Financial Performance
 - 8.5.9.3. Product Benchmarking
 - 8.5.9.4. Strategic Initiatives
- 8.5.10. Novacyt
 - 8.5.10.1. Overview
 - 8.5.10.2. Financial Performance
 - 8.5.10.3. Product Benchmarking
 - 8.5.10.4. Strategic Initiatives
- 8.5.11. PREMIER Biosoft
 - 8.5.11.1. Overview
 - 8.5.11.2. Financial Performance
 - 8.5.11.3. Product Benchmarking
 - 8.5.11.4. Strategic Initiatives

8.5.12. Azura Genomics Inc.

8.5.12.1. Overview

8.5.12.2. Financial Performance

8.5.12.3. Product Benchmarking

8.5.12.4. Strategic Initiatives

8.5.13. Canon Medical Systems Corporation

8.5.13.1. Overview

8.5.13.2. Financial Performance

8.5.13.3. Product Benchmarking

8.5.13.4. Strategic Initiatives

I would like to order

Product name: High Resolution Melting Analysis Market Size, Share & Trends Analysis Report By Product (Instruments), By Application (Mutation Scanning, Epigenetics), By End-use (Academic Research), By Region, And Segment Forecasts, 2025 - 2030

Product link: <https://marketpublishers.com/r/HBA88CF2ADA9EN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/HBA88CF2ADA9EN.html>