

Global Multiplex Assays Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Multiplex assays analyze multiple analytes, simultaneously. These are used in functional genomics to detect the different types of biomolecules such as DNA, and proteins of the same class at the same time. Hence, using multiplex assays save time and manual efforts as compared to conventional assays. Global multiplex assays market is expected to grow at a CAGR of 7.8% from 2017 to 2025.

Global multiplex assays market is segmented on the basis of type, products & services, technology, application, and geography. Based on type the multiplex assays market is bifurcated as nucleic acid-based and protein-based multiplex assays. The market is bifurcated as multiplex assays consumables, multiplex assays software and services, and multiplex assay instruments and accessories. Based on technology, it is classified into companion diagnostics, R&D, diseases, and other applications. By Geography, it is categorized into North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Increase in R&D in the pharmaceutical and biotechnology companies for the treatment of diseases such as cancer and Alzheimer's.

Multiplex assays increase the efficiency of experiments and therapies.

Decrease in operational cost and manual labor.



Restraints:

High capital investment.

MARKET PLAYERS:

The top players in the global multiplex assays market include Luminex Corporation, Illumina, Inc., Thermo Fisher Scientific, Inc., Bio-Rad Laboratories, Inc., Meso Scale Diagnostics, LLC, QIAGEN N.V., Becton, Dickinson and Company, Abcam PLC, Seegene Inc., and Randox Laboratories Ltd. Market players for global multiplex assays market adopt different strategies such as product development, product approval, acquisition, and collaboration to keep pace with the evolving market trends.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Type

Nucleic Acid-Based Multiplex Assays

Planar

Bead-Based

Protein-Based Multiplex Assays

Planar

Bead-Based

By Products & Services

Multiplex Assays Consumables

Multiplex Assays Software and Services

Multiplex Assays Instruments and Accessories



By Technology

Multiplex Protein Microarray

Multiplex PCR

Other Technologies

By Application

Companion Diagnostics

Research and Development

Diseases

Cardiac Diseases

Cancer

Infectious Diseases

Autoimmune Diseases

Allergies

Alzheimer's Disease

Other Diseases

Other Applications

By Geography

North America

U.S.



Canada
Mexico
Europe
UK
Germany
France
Spain
Italy
Rest of Europe
Asia-Pacific
China
Japan
India
Australia
South Korea
Rest of Asia-Pacific
LAMEA
Brazil
Saudi Arabia
South Africa



Rest of LAMEA



Contents

1. EXECUTIVE SUMMARY

- 1.1. Key findings
- 1.2. Market attractiveness and trend analysis
- 1.3. Competitive landscape and recent industry development analysis

2. INTRODUCTION

- 2.1. Report description
- 2.2. Scope and definitions
- 2.3. Research methodology

3. MARKET LANDSCAPE

- 3.1. Growth drivers
 - 3.1.1. Impact analysis
- 3.2. Restrains and challenges
 - 3.2.1. Impact analysis
- 3.3. Porter's analysis
 - 3.3.1. Bargaining power of buyers
 - 3.3.2. Bargaining power of suppliers
 - 3.3.3. Threat of substitutes
 - 3.3.4. Industry rivalry
 - 3.3.5. Threat of new entrants
- 3.4. Global multiplex assays market shares analysis, 2014-2025
 - 3.4.1. Global multiplex assays market share by product, 2014-2025
 - 3.4.2. Global multiplex assays market share by type, 2014-2025
 - 3.4.3. Global multiplex assays market share by application, 2014-2025
 - 3.4.4. Global multiplex assays market share by geography, 2014-2025

4. GLOBAL MULTIPLEX ASSAYS MARKET BY TYPE

- 4.1. Nucleic acid-based multiplex assays
 - 4.1.1. Historical market size by region, 2014-2016
 - 4.1.2. Market forecast by region, 2017-2025
 - 4.1.3. planar
 - 4.1.3.1. Historical market size by region, 2014-2016



- 4.1.3.2. Market forecast by region, 2017-2025
- 4.1.4. bead-based
 - 4.1.4.1. Historical market size by region, 2014-2016
 - 4.1.4.2. Market forecast by region, 2017-2025
- 4.2. Protein-based multiplex assays
 - 4.2.1. Historical market size by region, 2014-2016
 - 4.2.2. Market forecast by region, 2017-2025
 - 4.2.3. planar
 - 4.2.3.1. Historical market size by region, 2014-2016
 - 4.2.3.2. Market forecast by region, 2017-2025
 - 4.2.4. bead-based
 - 4.2.4.1. Historical market size by region, 2014-2016
 - 4.2.4.2. Market forecast by region, 2017-2025

5. GLOBAL MULTIPLEX ASSAYS MARKET BY PRODUCT

- 5.1. Multiplex assays consumables
 - 5.1.1. Historical market size by region, 2014-2016
 - 5.1.2. Market forecast by region, 2017-2025
- 5.2. Multiplex assays software and services
 - 5.2.1. Historical market size by region, 2014-2016
 - 5.2.2. Market forecast by region, 2017-2025
- 5.3. Multiplex assays instruments and accessories
 - 5.3.1. Historical market size by region, 2014-2016
 - 5.3.2. Market forecast by region, 2017-2025

6. GLOBAL MULTIPLEX ASSAYS MARKET BY TECHNOLOGY

- 6.1. Multiplex protein microarray
 - 6.1.1. Historical market size by region, 2014-2016
 - 6.1.2. Market forecast by region, 2017-2025
- 6.2. Multiplex pcr
 - 6.2.1. Historical market size by region, 2014-2016
 - 6.2.2. Market forecast by region, 2017-2025
- 6.3. Other technologies
 - 6.3.1. Historical market size by region, 2014-2016
 - 6.3.2. Market forecast by region, 2017-2025

7. GLOBAL MULTIPLEX ASSAYS MARKET BY APPLICATION



7.1. Companion diagnostics

- 7.1.1. Historical market size by region, 2014-2016
- 7.1.2. Market forecast by region, 2017-2025
- 7.2. Research and development
 - 7.2.1. Historical market size by region, 2014-2016
 - 7.2.2. Market forecast by region, 2017-2025

7.3. Diseases

- 7.3.1. Historical market size by region, 2014-2016
- 7.3.2. Market forecast by region, 2017-2025
- 7.3.3. Cardiac diseases
 - 7.3.3.1. Historical market size by region, 2014-2016
- 7.3.3.2. Market forecast by region, 2017-2025
- 7.3.4. cancer
 - 7.3.4.1. Historical market size by region, 2014-2016
 - 7.3.4.2. Market forecast by region, 2017-2025
- 7.3.5. Infectious diseases
 - 7.3.5.1. Historical market size by region, 2014-2016
 - 7.3.5.2. Market forecast by region, 2017-2025
- 7.3.6. autoimmune diseases
 - 7.3.6.1. Historical market size by region, 2014-2016
- 7.3.6.2. Market forecast by region, 2017-2025
- 7.3.7. Allergies
 - 7.3.7.1. Historical market size by region, 2014-2016
 - 7.3.7.2. Market forecast by region, 2017-2025
- 7.3.8. Alzheimer's disease
 - 7.3.8.1. Historical market size by region, 2014-2016
 - 7.3.8.2. Market forecast by region, 2017-2025
- 7.3.9. other diseases
 - 7.3.9.1. Historical market size by region, 2014-2016
- 7.3.9.2. Market forecast by region, 2017-2025
- 7.4. Other applications
 - 7.4.1. Historical market size by region, 2014-2016
 - 7.4.2. Market forecast by region, 2017-2025

8. GLOBAL MULTIPLEX ASSAYS MARKET BY GEOGRAPHY

- 8.1. North America
 - 8.1.1. U.S.



- 8.1.1.1. Historical market size, 2014-2016
- 8.1.1.2. Market forecast, 2017-2025
- 8.1.2. Canada
 - 8.1.2.1. Historical market size, 2014-2016
 - 8.1.2.2. Market forecast, 2017-2025
- 8.1.3. Mexico
 - 8.1.3.1. Historical market size, 2014-2016
 - 8.1.3.2. Market forecast, 2017-2025
- 8.2. Europe
 - 8.2.1. UK
 - 8.2.1.1. Historical market size, 2014-2016
 - 8.2.1.2. Market forecast, 2017-2025
 - 8.2.2. Germany
 - 8.2.2.1. Historical market size, 2014-2016
 - 8.2.2.2. Market forecast, 2017-2025
 - 8.2.3. France
 - 8.2.3.1. Historical market size, 2014-2016
 - 8.2.3.2. Market forecast, 2017-2025
 - 8.2.4. Spain
 - 8.2.4.1. Historical market size, 2014-2016
 - 8.2.4.2. Market forecast, 2017-2025
 - 8.2.5. Italy
 - 8.2.5.1. Historical market size, 2014-2016
 - 8.2.5.2. Market forecast, 2017-2025
 - 8.2.6. Rest of Europe
 - 8.2.6.1. Historical market size, 2014-2016
 - 8.2.6.2. Market forecast, 2017-2025
- 8.3. Asia-Pacific
 - 8.3.1. China
 - 8.3.1.1. Historical market size, 2014-2016
 - 8.3.1.2. Market forecast, 2017-2025
 - 8.3.2. Japan
 - 8.3.2.1. Historical market size, 2014-2016
 - 8.3.2.2. Market forecast, 2017-2025
 - 8.3.3. India
 - 8.3.3.1. Historical market size, 2014-2016
 - 8.3.3.2. Market forecast, 2017-2025
 - 8.3.4. Australia
 - 8.3.4.1. Historical market size, 2014-2016



- 8.3.4.2. Market forecast, 2017-2025
- 8.3.5. South Korea
 - 8.3.5.1. Historical market size, 2014-2016
 - 8.3.5.2. Market forecast, 2017-2025
- 8.3.6. Rest of Asia-Pacific
 - 8.3.6.1. Historical market size, 2014-2016
 - 8.3.6.2. Market forecast, 2017-2025
- 8.4. LAMEA
 - 8.4.1. Brazil
 - 8.4.1.1. Historical market size, 2014-2016
 - 8.4.1.2. Market forecast, 2017-2025
 - 8.4.2. South Arabia
 - 8.4.2.1. Historical market size, 2014-2016
 - 8.4.2.2. Market forecast, 2017-2025
 - 8.4.3. South Africa
 - 8.4.3.1. Historical market size, 2014-2016
 - 8.4.3.2. Market forecast, 2017-2025
 - 8.4.4. Rest of LAMEA
 - 8.4.4.1. Historical market size, 2014-2016
 - 8.4.4.2. Market forecast, 2017-2025

9. COMPANY PROFILES

- 9.1. Luminex corporation
 - 9.1.1. Overview
 - 9.1.2. Financials and business segments
 - 9.1.3. Recent developments
- 9.2. Illumina, inc.
 - 9.2.1. Overview
 - 9.2.2. Financials and business segments
 - 9.2.3. Recent developments
- 9.3. Thermo fisher scientific, inc.
 - 9.3.1. Overview
 - 9.3.2. Financials and business segments
 - 9.3.3. Recent developments
- 9.4. Bio-rad laboratories, inc.
 - 9.4.1. overview
 - 9.4.2. Financials and business segments
 - 9.4.3. Recent developments



- 9.5. Meso scale diagnostics, Ilc
 - 9.5.1. Overview
 - 9.5.2. Financials and business segments
 - 9.5.3. Recent developments
- 9.6. Qiagen n.v.
 - 9.6.1. Overview
 - 9.6.2. Financials and business segments
 - 9.6.3. Recent developments
- 9.7. Becton, dickinson and company
 - 9.7.1. Overview
 - 9.7.2. Financials and business segments
 - 9.7.3. Recent developments
- 9.8. Abcam plc
 - 9.8.1. overview
 - 9.8.2. Financials and business segments
 - 9.8.3. Recent developments
- 9.9. Seegene inc.
 - 9.9.1. Overview
 - 9.9.2. Financials and business segments
 - 9.9.3. Recent developments
- 9.10. Randox laboratories ltd.
 - 9.10.1. Overview
 - 9.10.2. Financials and business segments
 - 9.10.3. Recent developments



List Of Tables

LIST OF TABLES

- Table 1. Multiplex assays Market Share, by Type, 2014-2025
- Table 2. Multiplex assays Market Share, by Product, 2014-2025
- Table 3. Multiplex assays Market Share, by Technology, 2014-2025
- Table 4. Multiplex assays Market Share, by Application, 2014-2025
- Table 5. Multiplex assays Market Share, by Region, 2017-2025
- Table 6. Multiplex assays Market Value for Nucleic Acid-Based Multiplex Assays, by Type, 2014-2025, \$million
- Table 7. Multiplex assays Market Value for Nucleic Acid-Based Multiplex Assays, by Region, 2017-2025, \$million
- Table 8. Multiplex assays Market Value for Protein-Based Multiplex Assays, by Type, 2014-2025, \$million
- Table 9. Multiplex assays Market Value for Protein-Based Multiplex Assays, by Region, 2017-2025, \$million
- Table 10. Multiplex assays Market Value for Planar, by Region, 2017-2025, \$million
- Table 11. Multiplex assays Market Value for Bead-Based, by Region, 2017-2025, \$million
- Table 12. Multiplex assays Market Value for Planar, by Region, 2017-2025, \$million
- Table 13. Multiplex assays Market Value for Bead-Based, by Region, 2017-2025, \$million
- Table 14. Multiplex assays Market Value for Multiplex Assays Consumables, by Region, 2017-2025, \$million
- Table 15. Multiplex assays Market Value for Multiplex Assays Software and Services, by Region, 2017-2025, \$million
- Table 16. Multiplex assays Market Value for Multiplex Assays Instruments and Accessories, by Region, 2017-2025, \$million
- Table 17. Multiplex assays Market Value for Multiplex Protein Microarray, by Region, 2017-2025, \$million
- Table 18. Multiplex assays Market Value for Multiplex PCR, by Region, 2017-2025, \$million
- Table 19. Multiplex assays Market Value for Other Technologies, by Region, 2017-2025, \$million
- Table 20. Multiplex assays Market Value for Companion Diagnostics, by Region, 2017-2025, \$million
- Table 21. Multiplex assays Market Value for Research and Development, by Region, 2017-2025, \$million



- Table 22. Multiplex assays Market Value for Diseases, by Type, 2014-2025, \$million
- Table 23. Multiplex assays Market Value for Diseases, by Region, 2017-2025, \$million
- Table 24. Multiplex assays Market Value for Cardiac Diseases, by Region, 2017-2025, \$million
- Table 25. Multiplex assays Market Value for Cancer, by Region, 2017-2025, \$million
- Table 26. Multiplex assays Market Value for Infectious Diseases, by Region,
- 2017-2025, \$million
- Table 27. Multiplex assays Market Value for Autoimmune Diseases, by Region, 2017-2025. \$million
- Table 28. Multiplex assays Market Value for Allergies, by Region, 2017-2025, \$million
- Table 29. Multiplex assays Market Value for Alzheimer's Disease, by Region,
- 2017-2025, \$million
- Table 30. Multiplex assays Market Value for Other Diseases, by Region, 2017-2025, \$million
- Table 31. Multiplex assays Market Value for Other Applications, by Region, 2017-2025, \$million
- Table 32. Multiplex assays Market Value for North America, by Country, 2014-2025, \$million
- Table 33. Multiplex assays Market Value for North America, by Type, 2014-2025, \$million
- Table 34. Multiplex assays Market Value for North America, by Product, 2014-2025, \$million
- Table 35. Multiplex assays Market Value for North America, by Technology, 2014-2025, \$million
- Table 36. Multiplex assays Market Value for North America, by Application, 2014-2025, \$million
- Table 37. Multiplex assays Market Value for Europe, by Country, 2014-2025, \$million
- Table 38. Multiplex assays Market Value for Europe, by Type, 2014-2025, \$million
- Table 39. Multiplex assays Market Value for Europe, by Product, 2014-2025, \$million
- Table 40. Multiplex assays Market Value for Europe, by Technology, 2014-2025, \$\)
- Table 41. Multiplex assays Market Value for Europe, by Application, 2014-2025, \$million
- Table 42. Multiplex assays Market Value for Asia-Pacific, by Country, 2014-2025, \$million
- Table 43. Multiplex assays Market Value for Asia-Pacific, by Type, 2014-2025, \$million
- Table 44. Multiplex assays Market Value for Asia-Pacific, by Product, 2014-2025, \$million
- Table 45. Multiplex assays Market Value for Asia-Pacific, by Technology, 2014-2025, \$million



- Table 46. Multiplex assays Market Value for Asia-Pacific, by Application, 2014-2025, \$million
- Table 47. Multiplex assays Market Value for LAMEA, by Country, 2014-2025, \$million
- Table 48. Multiplex assays Market Value for LAMEA, by Type, 2014-2025, \$million
- Table 49. Multiplex assays Market Value for LAMEA, by Product, 2014-2025, \$million
- Table 50. Multiplex assays Market Value for LAMEA, by Technology, 2014-2025, \$million
- Table 51. Multiplex assays Market Value for LAMEA, by Application, 2014-2025, \$million
- Table 52. Luminex Corporation Company Snapshot
- Table 53. Illumina, Inc. Company Snapshot
- Table 54. Thermo Fisher Scientific, Inc. Company Snapshot
- Table 55. Bio-Rad Laboratories, Inc. Company Snapshot
- Table 56. Meso Scale Diagnostics, LLC Company Snapshot
- Table 57. QIAGEN N. V. Company Snapshot
- Table 58. Becton, Dickinson and Company Company Snapshot
- Table 59. Abcam PLC Company Snapshot
- Table 60. Seegene Inc. Company Snapshot
- Table 61. Randox Laboratories Ltd. Company Snapshot



List Of Figures

LIST OF FIGURES

- Figure 1. Multiplex assays: Nucleic Acid-Based Multiplex Assays Market Value, 2014-2016, \$million
- Figure 2. Multiplex assays: Protein-Based Multiplex Assays Market Value, 2014-2016, \$million
- Figure 3. Multiplex assays: Planar Market Value, 2014-2016, \$million
- Figure 4. Multiplex assays: Bead-Based Market Value, 2014-2016, \$million
- Figure 5. Multiplex assays: Planar Market Value, 2014-2016, \$million
- Figure 6. Multiplex assays: Bead-Based Market Value, 2014-2016, \$million
- Figure 7. Multiplex assays: Multiplex Assays Consumables Market Value, 2014-2016, \$million
- Figure 8. Multiplex assays: Multiplex Assays Software and Services Market Value, 2014-2016, \$million
- Figure 9. Multiplex assays: Multiplex Assays Instruments and Accessories Market Value, 2014-2016, \$million
- Figure 10. Multiplex assays: Multiplex Protein Microarray Market Value, 2014-2016, \$million
- Figure 11. Multiplex assays: Multiplex PCR Market Value, 2014-2016, \$million
- Figure 12. Multiplex assays: Other Technologies Market Value, 2014-2016, \$million
- Figure 13. Multiplex assays: Companion Diagnostics Market Value, 2014-2016, \$million
- Figure 14. Multiplex assays: Research and Development Market Value, 2014-2016, \$million
- Figure 15. Multiplex assays: Diseases Market Value, 2014-2016, \$million
- Figure 16. Multiplex assays: Cardiac Diseases Market Value, 2014-2016, \$million
- Figure 17. Multiplex assays: Cancer Market Value, 2014-2016, \$million
- Figure 18. Multiplex assays: Infectious Diseases Market Value, 2014-2016, \$million
- Figure 19. Multiplex assays: Autoimmune Diseases Market Value, 2014-2016, \$million
- Figure 20. Multiplex assays: Allergies Market Value, 2014-2016, \$million
- Figure 21. Multiplex assays: Alzheimer's Disease Market Value, 2014-2016, \$million
- Figure 22. Multiplex assays: Other Diseases Market Value, 2014-2016, \$million
- Figure 23. Multiplex assays: Other Applications Market Value, 2014-2016, \$million
- Figure 24. Multiplex assays: U.S. Market Value, 2014-2016, \$million
- Figure 25. Multiplex assays: U.S. Market Value, 2017-2025, \$million
- Figure 26. Multiplex assays: Canada Market Value, 2014-2016, \$million
- Figure 27. Multiplex assays: Canada Market Value, 2017-2025, \$million
- Figure 28. Multiplex assays: Mexico Market Value, 2014-2016, \$million



Figure 29. Multiplex assays: Mexico Market Value, 2017-2025, \$million Figure 30. Multiplex assays: UK Market Value, 2014-2016, \$million Figure 31. Multiplex assays: UK Market Value, 2017-2025, \$million Figure 32. Multiplex assays: Germany Market Value, 2014-2016, \$million Figure 33. Multiplex assays: Germany Market Value, 2017-2025, \$million Figure 34. Multiplex assays: France Market Value, 2014-2016, \$million Figure 35. Multiplex assays: France Market Value, 2017-2025, \$million Figure 36. Multiplex assays: Spain Market Value, 2014-2016, \$million Figure 37. Multiplex assays: Spain Market Value, 2017-2025, \$million Figure 38. Multiplex assays: Italy Market Value, 2014-2016, \$million Figure 39. Multiplex assays: Italy Market Value, 2017-2025, \$million Figure 40. Multiplex assays: Rest of Europe Market Value, 2014-2016, \$million Figure 41. Multiplex assays: Rest of Europe Market Value, 2017-2025, \$million Figure 42. Multiplex assays: China Market Value, 2014-2016, \$million Figure 43. Multiplex assays: China Market Value, 2017-2025, \$million Figure 44. Multiplex assays: Japan Market Value, 2014-2016, \$million Figure 45. Multiplex assays: Japan Market Value, 2017-2025, \$million Figure 46. Multiplex assays: India Market Value, 2014-2016, \$million Figure 47. Multiplex assays: India Market Value, 2017-2025, \$million Figure 48. Multiplex assays: Australia Market Value, 2014-2016, \$million Figure 49. Multiplex assays: Australia Market Value, 2017-2025, \$million Figure 50. Multiplex assays: South Korea Market Value, 2014-2016, \$million Figure 51. Multiplex assays: South Korea Market Value, 2017-2025, \$million Figure 52. Multiplex assays: Rest of Asia-Pacific Market Value, 2014-2016, \$million Figure 53. Multiplex assays: Rest of Asia-Pacific Market Value, 2017-2025, \$million Figure 54. Multiplex assays: Brazil Market Value, 2014-2016, \$million Figure 55. Multiplex assays: Brazil Market Value, 2017-2025, \$million Figure 56. Multiplex assays: Saudi Arabia Market Value, 2014-2016, \$million Figure 57. Multiplex assays: Saudi Arabia Market Value, 2017-2025, \$million Figure 58. Multiplex assays: South Africa Market Value, 2014-2016, \$million Figure 59. Multiplex assays: South Africa Market Value, 2017-2025, \$million Figure 60. Multiplex assays: Rest of LAMEA Market Value, 2014-2016, \$million

COMPANIES MENTIONED

The top players in the global multiplex assays market include Luminex Corporation, Illumina, Inc., Thermo Fisher Scientific, Inc., Bio-Rad Laboratories, Inc., Meso Scale Diagnostics, LLC, QIAGEN N.V., Becton, Dickinson and Company, Abcam PLC,

Figure 61. Multiplex assays: Rest of LAMEA Market Value, 2017-2025, \$million



Seegene Inc., and Randox Laboratories Ltd. Market players for global multiplex assays market adopt different strategies such as product development, product approval, acquisition, and collaboration to keep pace with the evolving market trends.



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