

North America Bioanalytical Testing Services Market 2021-2031 by Molecule Type (Small, Large), Application (Bioavailability and Bioequivalence, PK, PD, ADME), Test Type (Cell-based, Virology, SINA, MDOV, Biomarker), Workflow Process (Sample Preparation, Sample Analysis, Others), Therapeutic Area (Oncology, Neurology, Infectious Diseases, Gastroenterology, Cardiology), End User (Pharma and Biopharma Companies, CDMOs, CROs), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/N43CDBC14707EN.html>

Date: March 2022

Pages: 130

Price: US\$ 2,533.00 (Single User License)

ID: N43CDBC14707EN

Abstracts

North America bioanalytical testing services market is projected to grow by 8.3% annually in the forecast period and reach \$ 3,232.3 million by 2031, driven by the rising demand for analytical testing of biologics and biosimilars amid COVID-19 pandemic, increasing preference for outsourcing analytical testing, growing R&D expenditure in the pharmaceutical and biopharmaceutical industries, and the rising adoption of the Quality by Design (QbD) approach.

Highlighted with 29 tables and 75 figures, this 130-page report “North America Bioanalytical Testing Services Market 2021-2031 by Molecule Type (Small, Large), Application (Bioavailability and Bioequivalence, PK, PD, ADME), Test Type (Cell-based, Virology, SINA, MDOV, Biomarker), Workflow Process (Sample Preparation, Sample Analysis, Others), Therapeutic Area (Oncology, Neurology, Infectious Diseases, Gastroenterology, Cardiology), End User (Pharma and Biopharma Companies, CDMOs, CROs), and Country: Trend Forecast and Growth Opportunity” is based on a

comprehensive research of the entire North America bioanalytical testing services market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify North America bioanalytical testing services market in every aspect of the classification from perspectives of Molecule Type, Application, Test Type, Workflow Process, Therapeutic Area, End User, and Country.

Based on Molecule Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Small Molecules

Large Molecules

LC-MS Studies

Immunoassays

Other Large Molecule Tests

Based Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Bioavailability and Bioequivalence Studies

Pharmacokinetics (PK)

Pharmacodynamics (PD)

Absorption, Distribution, Metabolism, Excretion (ADME)

Other Applications

By Test Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Cell-based Assays

Bacterial Cell-based Assays

Viral Cell-based Assays

Virology Testing

In Vitro Virology Testing

In Vivo Virology Testing

Species-Specific Viral PCR Assays

Serology, Immunogenicity, and Neutralizing Antibodies (SINA)

Bacterial Serology, Immunogenicity, and Neutralizing Antibodies

Viral Serology, Immunogenicity, and Neutralizing Antibodies

Method Development Optimization and Validation (MDOV)

Biomarker Testing

Pharmacokinetic Testing

Other Test Types

By Workflow Process, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Sample Preparation

Protein Precipitation

Liquid-liquid Extraction (LLE)

Sample Analysis

Hyphenated Technique

Chromatographic Technique

Electrophoresis

Ligand Binding Assay

Mass Spectrometry

Nuclear Magnetic Resonance

Other Workflow Processes

By Therapeutic Area, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Oncology

Neurology

Infectious Diseases

Gastroenterology

Cardiology

Other Therapeutic Areas

By End User, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Pharma and Biopharma Companies

Contract Development and Manufacturing Organizations (CDMOs)

Contract Research Organizations (CROs)

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Application, Workflow Process, and Therapeutic Area over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Charles River Laboratories International Inc.

Covance Inc.

Eurofins Scientific

ICON PLC

Intertek Group PLC

IQVIA Holdings, Inc.

Laboratory Corporation of America Holdings

Medpace Holdings, Inc.

Pace Analytical Services LLC.

Parexel International Corporation

PPD Inc.

SGS SA

Syneos Health, LLC

Toxikon Corporation

WuXi Apptech Co., Ltd.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF NORTH AMERICA MARKET BY MOLECULE TYPE

- 3.1 Market Overview by Molecule Type
- 3.2 Small Molecules
- 3.3 Large Molecules
 - 3.3.1 LC-MS Studies
 - 3.3.2 Immunoassays
 - 3.3.3 Other Large Molecule Tests

4 SEGMENTATION OF NORTH AMERICA MARKET BY APPLICATION

- 4.1 Market Overview by Application

- 4.2 Bioavailability and Bioequivalence Studies
- 4.3 Pharmacokinetics (PK)
- 4.4 Pharmacodynamics (PD)
- 4.5 Absorption, Distribution, Metabolism, Excretion (ADME)
- 4.6 Other Applications

5 SEGMENTATION OF NORTH AMERICA MARKET BY TEST TYPE

- 5.1 Market Overview by Test Type
- 5.2 Cell-based Assays
 - 5.2.1 Bacterial Cell-based Assays
 - 5.2.2 Viral Cell-based Assays
- 5.3 Virology Testing
 - 5.3.1 In Vitro Virology Testing
 - 5.3.2 In Vivo Virology Testing
 - 5.3.3 Species-Specific Viral PCR Assays
- 5.4 Serology, Immunogenicity, and Neutralizing Antibodies (SINA)
 - 5.4.1 Bacterial Serology, Immunogenicity, and Neutralizing Antibodies
 - 5.4.2 Viral Serology, Immunogenicity, and Neutralizing Antibodies
- 5.5 Method Development Optimization and Validation (MDOV)
- 5.6 Biomarker Testing
- 5.7 Pharmacokinetic Testing
- 5.8 Other Test Types

6 SEGMENTATION OF NORTH AMERICA MARKET BY WORKFLOW PROCESS

- 6.1 Market Overview by Workflow Process
- 6.2 Sample Preparation
 - 6.2.1 Protein Precipitation
 - 6.2.2 Liquid-liquid Extraction (LLE)
 - 6.2.3 Solid Phase Extraction (SPE)
- 6.3 Sample Analysis
 - 6.3.1 Hyphenated Technique
 - 6.3.2 Chromatographic Technique
 - 6.3.3 Electrophoresis
 - 6.3.4 Ligand Binding Assay
 - 6.3.5 Mass Spectrometry
 - 6.3.6 Nuclear Magnetic Resonance
- 6.4 Other Workflow Processes

7 SEGMENTATION OF NORTH AMERICA MARKET BY THERAPEUTIC AREA

7.1 Market Overview by Therapeutic Area

7.2 Oncology

7.3 Neurology

7.4 Infectious Diseases

7.5 Gastroenterology

7.6 Cardiology

7.7 Other Therapeutic Areas

8 SEGMENTATION OF NORTH AMERICA MARKET BY END USER

8.1 Market Overview by End User

8.2 Pharma and Biopharma Companies

8.3 Contract Development and Manufacturing Organizations (CDMOs)

8.4 Contract Research Organizations (CROs)

9 NORTH AMERICA MARKET 2021-2031 BY COUNTRY

9.1 Overview of North America Market

9.2 U.S.

9.3 Canada

9.4 Mexico

10 COMPETITIVE LANDSCAPE

10.1 Overview of Key Vendors

10.2 New Product Launch, Partnership, Investment, and M&A

10.3 Company Profiles

Charles River Laboratories International Inc.

Covance Inc.

Eurofins Scientific

ICON PLC

Intertek Group PLC

IQVIA Holdings, Inc.

Laboratory Corporation of America Holdings

Medpace Holdings, Inc.

Pace Analytical Services LLC.

Parexel International Corporation

PPD Inc.

SGS SA

Syneos Health, LLC

Toxikon Corporation

WuXi Apptech Co., Ltd.

RELATED REPORTS

List Of Tables

LIST OF TABLES:

- Table 1. Snapshot of North America Bioanalytical Testing Services Market in Balanced Perspective, 2021-2031
- Table 2. World Economic Outlook, 2021-2031
- Table 3. World Health Spending by Region, \$ bn, 2013-2020
- Table 4. Main Product Trends and Market Opportunities in North America Bioanalytical Testing Services Market
- Table 5. North America Bioanalytical Testing Services Market by Molecule Type, 2021-2031, \$ mn
- Table 6. North America Bioanalytical Testing Services Market: Large Molecules Testing by Technology, 2021-2031, \$ mn
- Table 7. North America Bioanalytical Testing Services Market by Application, 2021-2031, \$ mn
- Table 8. North America Bioanalytical Testing Services Market by Test Type, 2021-2031, \$ mn
- Table 9. North America Bioanalytical Testing Services Market: Cell-based Assays by Type, 2021-2031, \$ mn
- Table 10. North America Bioanalytical Testing Services Market: Virology Testing by Type, 2021-2031, \$ mn
- Table 11. North America Bioanalytical Testing Services Market: Serology, Immunogenicity, and Neutralizing Antibodies (SINA) by Type, 2021-2031, \$ mn
- Table 12. North America Bioanalytical Testing Services Market by Workflow Process, 2021-2031, \$ mn
- Table 13. North America Bioanalytical Testing Services Market: Sample Preparation by Method, 2021-2031, \$ mn
- Table 14. North America Bioanalytical Testing Services Market: Sample Analysis by Technology, 2021-2031, \$ mn
- Table 15. North America Bioanalytical Testing Services Market by Therapeutic Area, 2021-2031, \$ mn
- Table 16. North America Bioanalytical Testing Services Market by End User, 2021-2031, \$ mn
- Table 17. North America Bioanalytical Testing Services Market by Country, 2021-2031, \$ mn
- Table 18. U.S. Bioanalytical Testing Services Market by Application, 2021-2031, \$ mn
- Table 19. U.S. Bioanalytical Testing Services Market by Workflow Process, 2021-2031, \$ mn

Table 20. U.S. Bioanalytical Testing Services Market by Therapeutic Area, 2021-2031, \$ mn

Table 21. Canada Bioanalytical Testing Services Market by Application, 2021-2031, \$ mn

Table 22. Canada Bioanalytical Testing Services Market by Workflow Process, 2021-2031, \$ mn

Table 23. Canada Bioanalytical Testing Services Market by Therapeutic Area, 2021-2031, \$ mn

Table 24. Mexico Bioanalytical Testing Services Market by Application, 2021-2031, \$ mn

Table 25. Mexico Bioanalytical Testing Services Market by Workflow Process, 2021-2031, \$ mn

Table 26. Mexico Bioanalytical Testing Services Market by Therapeutic Area, 2021-2031, \$ mn

Table 27. Charles River Laboratories International Inc.: Company Snapshot

Table 28. Charles River Laboratories International Inc.: Business Segmentation

Table 29. Charles River Laboratories International Inc.: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2021-2031

Figure 4. North America Bioanalytical Testing Services Market, 2021-2031, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Leading Causes of Death in the World, 2019-2020, million

Figure 7. Worldwide Geriatric Population (60 years and above) by Regions, 2015 & 2030, million

Figure 8. World Population 65 and Over, % of Total Population, 1950-2060

Figure 9. Primary Drivers and Impact Factors of North America Bioanalytical Testing Services Market

Figure 10. Primary Restraints and Impact Factors of North America Bioanalytical Testing Services Market

Figure 11. Investment Opportunity Analysis

Figure 12. Porter's Five Forces Analysis of North America Bioanalytical Testing Services Market

Figure 13. Breakdown of North America Bioanalytical Testing Services Market by Molecule Type, 2021-2031, % of Revenue

Figure 14. North America Addressable Market Cap in 2022-2031 by Molecule Type, Value (\$ mn) and Share (%)

Figure 15. North America Bioanalytical Testing Services Market by Molecule Type: Small Molecules, 2021-2031, \$ mn

Figure 16. North America Bioanalytical Testing Services Market by Molecule Type: Large Molecules, 2021-2031, \$ mn

Figure 17. North America Bioanalytical Testing Services Market by Large Molecules: LC-MS Studies, 2021-2031, \$ mn

Figure 18. North America Bioanalytical Testing Services Market by Large Molecules: Immunoassays, 2021-2031, \$ mn

Figure 19. North America Bioanalytical Testing Services Market by Large Molecules: Other Large Molecule Tests, 2021-2031, \$ mn

Figure 20. Breakdown of North America Bioanalytical Testing Services Market by Application, 2021-2031, % of Sales Revenue

Figure 21. North America Addressable Market Cap in 2022-2031 by Application, Value (\$ mn) and Share (%)

Figure 22. North America Bioanalytical Testing Services Market by Application: Bioavailability and Bioequivalence Studies, 2021-2031, \$ mn

Figure 23. North America Bioanalytical Testing Services Market by Application: Pharmacokinetics (PK), 2021-2031, \$ mn

Figure 24. North America Bioanalytical Testing Services Market by Application: Pharmacodynamics (PD), 2021-2031, \$ mn

Figure 25. North America Bioanalytical Testing Services Market by Application: Absorption, Distribution, Metabolism, Excretion (ADME), 2021-2031, \$ mn

Figure 26. North America Bioanalytical Testing Services Market by Application: Other Applications, 2021-2031, \$ mn

Figure 27. Breakdown of North America Bioanalytical Testing Services Market by Test Type, 2021-2031, % of Sales Revenue

Figure 28. North America Addressable Market Cap in 2022-2031 by Test Type, Value (\$ mn) and Share (%)

Figure 29. North America Bioanalytical Testing Services Market by Test Type: Cell-based Assays, 2021-2031, \$ mn

Figure 30. North America Bioanalytical Testing Services Market by Cell-based Assays: Bacterial Cell-based Assays, 2021-2031, \$ mn

Figure 31. North America Bioanalytical Testing Services Market by Cell-based Assays: Viral Cell-based Assays, 2021-2031, \$ mn

Figure 32. North America Bioanalytical Testing Services Market by Test Type: Virology Testing, 2021-2031, \$ mn

Figure 33. North America Bioanalytical Testing Services Market by Virology Testing: In Vitro Virology Testing, 2021-2031, \$ mn

Figure 34. North America Bioanalytical Testing Services Market by Virology Testing: In Vivo Virology Testing, 2021-2031, \$ mn

Figure 35. North America Bioanalytical Testing Services Market by Virology Testing: Species-Specific Viral PCR Assays, 2021-2031, \$ mn

Figure 36. North America Bioanalytical Testing Services Market by Test Type: Serology, Immunogenicity, and Neutralizing Antibodies (SINA), 2021-2031, \$ mn

Figure 37. North America Bioanalytical Testing Services Market by Serology, Immunogenicity, and Neutralizing Antibodies (SINA): Bacterial Serology, Immunogenicity, and Neutralizing Antibodies, 2021-2031, \$ mn

Figure 38. North America Bioanalytical Testing Services Market by Serology, Immunogenicity, and Neutralizing Antibodies (SINA): Viral Serology, Immunogenicity, and Neutralizing Antibodies, 2021-2031, \$ mn

Figure 39. North America Bioanalytical Testing Services Market by Test Type: Method Development Optimization and Validation (MDOV), 2021-2031, \$ mn

Figure 40. North America Bioanalytical Testing Services Market by Test Type:

Biomarker Testing, 2021-2031, \$ mn

Figure 41. North America Bioanalytical Testing Services Market by Test Type:

Pharmacokinetic Testing, 2021-2031, \$ mn

Figure 42. North America Bioanalytical Testing Services Market by Test Type: Other Test Types, 2021-2031, \$ mn

Figure 43. Breakdown of North America Bioanalytical Testing Services Market by Workflow Process, 2021-2031, % of Revenue

Figure 44. North America Addressable Market Cap in 2022-2031 by Workflow Process, Value (\$ mn) and Share (%)

Figure 45. North America Bioanalytical Testing Services Market by Workflow Process: Sample Preparation, 2021-2031, \$ mn

Figure 46. North America Bioanalytical Testing Services Market by Sample Preparation: Protein Precipitation, 2021-2031, \$ mn

Figure 47. North America Bioanalytical Testing Services Market by Sample Preparation: Liquid-liquid Extraction (LLE), 2021-2031, \$ mn

Figure 48. North America Bioanalytical Testing Services Market by Sample Preparation: Solid Phase Extraction (SPE), 2021-2031, \$ mn

Figure 49. North America Bioanalytical Testing Services Market by Workflow Process: Sample Analysis, 2021-2031, \$ mn

Figure 50. North America Bioanalytical Testing Services Market by Sample Analysis: Hyphenated Technique, 2021-2031, \$ mn

Figure 51. North America Bioanalytical Testing Services Market by Sample Analysis: Chromatographic Technique, 2021-2031, \$ mn

Figure 52. North America Bioanalytical Testing Services Market by Sample Analysis: Electrophoresis, 2021-2031, \$ mn

Figure 53. North America Bioanalytical Testing Services Market by Sample Analysis: Ligand Binding Assay, 2021-2031, \$ mn

Figure 54. North America Bioanalytical Testing Services Market by Sample Analysis: Mass Spectrometry, 2021-2031, \$ mn

Figure 55. North America Bioanalytical Testing Services Market by Sample Analysis: Nuclear Magnetic Resonance, 2021-2031, \$ mn

Figure 56. North America Bioanalytical Testing Services Market by Workflow Process: Other Workflow Processes, 2021-2031, \$ mn

Figure 57. Breakdown of North America Bioanalytical Testing Services Market by Therapeutic Area, 2021-2031, % of Revenue

Figure 58. North America Addressable Market Cap in 2022-2031 by Therapeutic Area, Value (\$ mn) and Share (%)

Figure 59. North America Bioanalytical Testing Services Market by Therapeutic Area: Oncology, 2021-2031, \$ mn

Figure 60. North America Bioanalytical Testing Services Market by Therapeutic Area: Neurology, 2021-2031, \$ mn

Figure 61. North America Bioanalytical Testing Services Market by Therapeutic Area: Infectious Diseases, 2021-2031, \$ mn

Figure 62. North America Bioanalytical Testing Services Market by Therapeutic Area: Gastroenterology, 2021-2031, \$ mn

Figure 63. North America Bioanalytical Testing Services Market by Therapeutic Area: Cardiology, 2021-2031, \$ mn

Figure 64. North America Bioanalytical Testing Services Market by Therapeutic Area: Other Therapeutic Areas, 2021-2031, \$ mn

Figure 65. Breakdown of North America Bioanalytical Testing Services Market by End User, 2021-2031, % of Revenue

Figure 66. North America Addressable Market Cap in 2022-2031 by End User, Value (\$ mn) and Share (%)

Figure 67. North America Bioanalytical Testing Services Market by End User: Pharma and Biopharma Companies, 2021-2031, \$ mn

Figure 68. North America Bioanalytical Testing Services Market by End User: Contract Development and Manufacturing Organizations (CDMOs), 2021-2031, \$ mn

Figure 69. North America Bioanalytical Testing Services Market by End User: Contract Research Organizations (CROs), 2021-2031, \$ mn

Figure 70. Breakdown of North America Bioanalytical Testing Services Market by Country, 2021 and 2031, % of Revenue

Figure 71. Contribution to North America 2022-2031 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 72. U.S. Bioanalytical Testing Services Market, 2021-2031, \$ mn

Figure 73. Canada Bioanalytical Testing Services Market, 2021-2031, \$ mn

Figure 74. Bioanalytical Testing Services Market in Mexico, 2021-2031, \$ mn

Figure 75. Growth Stage of North America Bioanalytical Testing Services Industry over the Forecast Period

I would like to order

Product name: North America Bioanalytical Testing Services Market 2021-2031 by Molecule Type (Small, Large), Application (Bioavailability and Bioequivalence, PK, PD, ADME), Test Type (Cell-based, Virology, SINA, MDOV, Biomarker), Workflow Process (Sample Preparation, Sample Analysis, Others), Therapeutic Area (Oncology, Neurology, Infectious Diseases, Gastroenterology, Cardiology), End User (Pharma and Biopharma Companies, CDMOs, CROs), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/N43CDBC14707EN.html>

Price: US\$ 2,533.00 (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/N43CDBC14707EN.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