

Bioanalytical Testing Services Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/B53801B20DECEN.html>

Date: April 2022

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: B53801B20DECEN

Abstracts

The global bioanalytical testing services market reached a value of US\$ 2.56 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 4.90 Billion by 2027, exhibiting a CAGR of 11.31% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic. These insights are included in the report as a major market contributor.

Bioanalytical testing services are used for the quantitative determination of drugs concentration and their metabolites and pharmacodynamic biomarkers in biological fluids. These services include method validation for ensuring results that demonstrate accuracy, precision, selectivity, and stability and assure the accuracy of sample analysis results. Nowadays, they rely on developed and validated methods for detecting analytes and metabolites in a diversity of complex biological matrices. Some of these matrices are urine, serum, blood, saliva, plasma, breast milk, cell lysates, cell culture media, tissue homogenates, cerebrospinal fluid (CSF), and wastewater from pharmaceutical production.

Bioanalytical Testing Services Market Trends:

The increasing occurrence of chronic health conditions worldwide on account of sedentary lifestyles and increasing consumption of fast food, along with the rising preferences for personalized medical treatments, represents one of the key factors influencing the market positively. Additionally, biopharmaceutical companies are using bioanalytical testing services for validation of assays and drug development at both preclinical and clinical stages. Moreover, the global transmission of the coronavirus disease (COVID-19) and the lack of effective vaccines and treatments are driving the

need for widespread screening and early detection. This has increased the usage of bioanalytical testing services for point-of-care (POC) diagnostic and controlling the spread and minimizing the resultant health and societal impact of the infection. Apart from this, several companies are incorporating a wide range of innovative techniques to offer rapid high-volume analyses. These techniques generally include mass spectrometry, immunochemistry, Ultra-Performance Liquid Chromatography (UPLC), automated sample preparation using robotics or turbulent flow, and large sample storage combined with bar code systems. This, in confluence with the improving healthcare infrastructure, is strengthening the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global bioanalytical testing services market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on molecule type, test type and workflow.

Breakup by Molecule Type:

- Small Molecule
- Large Molecule
- LC-MS Studies
- Immunoassays
- Others

Breakup by Test Type:

- ADME
- In-Vivo
- In-Vitro
- PK
- PD
- Bioavailability
- Bioequivalence
- Others

Breakup by Workflow:

- Sample Preparation
- Protein Precipitation

Liquid-Liquid Extraction
Solid Phase Extraction
Sample Analysis
Hyphenated Technique
Chromatographic Technique
Electrophoresis
Ligand Binding Assay
Mass Spectrometry
Nuclear Magnetic Resonance
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Almac Group, Charles River Laboratories International Inc., Frontage Laboratories Inc., ICON plc, Intertek Group plc, Laboratory Corporation of America Holdings, Pace Analytical Services LLC, PPD Inc., PRA Health Sciences, SGS SA, Syneos Health and Toxikon Corporation. Key Questions Answered in This Report:

How has the global bioanalytical testing services market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global bioanalytical testing services market?

What are the key regional markets?

What is the breakup of the market based on the molecule type?

What is the breakup of the market based on the test type?

What is the breakup of the market based on the workflow?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global bioanalytical testing services market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL BIOANALYTICAL TESTING SERVICES MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY MOLECULE TYPE

- 6.1 Small Molecule
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Large Molecule
 - 6.2.1 Market Trends
 - 6.2.2 Key Segments
 - 6.2.2.1 LC-MS Studies

- 6.2.2.2 Immunoassays
- 6.2.2.3 Others
- 6.2.3 Market Forecast

7 MARKET BREAKUP BY TEST TYPE

- 7.1 ADME
 - 7.1.1 Market Trends
 - 7.1.2 Key Segments
 - 7.1.2.1 In-Vivo
 - 7.1.2.2 In-Vitro
 - 7.1.3 Market Forecast
- 7.2 PK
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 PD
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Bioavailability
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Bioequivalence
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast

8 MARKET BREAKUP BY WORKFLOW

- 8.1 Sample Preparation
 - 8.1.1 Market Trends
 - 8.1.2 Key Segments
 - 8.1.2.1 Protein Precipitation
 - 8.1.2.2 Liquid-Liquid Extraction
 - 8.1.2.3 Solid Phase Extraction
 - 8.1.3 Market Forecast
- 8.2 Sample Analysis
 - 8.2.1 Market Trends

8.2.2 Key Segments

- 8.2.2.1 Hyphenated Technique
- 8.2.2.2 Chromatographic Technique
- 8.2.2.3 Electrophoresis
- 8.2.2.4 Ligand Binding Assay
- 8.2.2.5 Mass Spectrometry
- 8.2.2.6 Nuclear Magnetic Resonance

8.2.3 Market Forecast

8.3 Others

- 8.3.1 Market Trends
- 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast

9.2 Asia-Pacific

- 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
- 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
- 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
- 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
- 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
- 9.2.6 Indonesia
 - 9.2.6.1 Market Trends

- 9.2.6.2 Market Forecast
- 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
 - 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
 - 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
 - 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Almac Group
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 SWOT Analysis
 - 14.3.2 Charles River Laboratories International Inc.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Frontage Laboratories Inc.
 - 14.3.3.1 Company Overview

- 14.3.3.2 Product Portfolio
- 14.3.4 ICON plc
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.4.4 SWOT Analysis
- 14.3.5 Intertek Group plc
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.5.3 Financials
 - 14.3.5.4 SWOT Analysis
- 14.3.6 Laboratory Corporation of America Holdings
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
- 14.3.7 Pace Analytical Services LLC
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 PPD Inc.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 PRA Health Sciences
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 SWOT Analysis
- 14.3.10 SGS SA
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
- 14.3.11 Syneos Health
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis
- 14.3.12 Toxikon Corporation
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Bioanalytical Testing Services Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Bioanalytical Testing Services Market Forecast: Breakup by Molecule Type (in Million US\$), 2022-2027

Table 3: Global: Bioanalytical Testing Services Market Forecast: Breakup by Test Type (in Million US\$), 2022-2027

Table 4: Global: Bioanalytical Testing Services Market Forecast: Breakup by Workflow (in Million US\$), 2022-2027

Table 5: Global: Bioanalytical Testing Services Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Bioanalytical Testing Services Market: Competitive Structure

Table 7: Global: Bioanalytical Testing Services Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Bioanalytical Testing Services Market: Major Drivers and Challenges

Figure 2: Global: Bioanalytical Testing Services Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Bioanalytical Testing Services Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Bioanalytical Testing Services Market: Breakup by Molecule Type (in %), 2021

Figure 5: Global: Bioanalytical Testing Services Market: Breakup by Test Type (in %), 2021

Figure 6: Global: Bioanalytical Testing Services Market: Breakup by Workflow (in %), 2021

Figure 7: Global: Bioanalytical Testing Services Market: Breakup by Region (in %), 2021

Figure 8: Global: Bioanalytical Testing Services (Small Molecule) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Bioanalytical Testing Services (Small Molecule) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Bioanalytical Testing Services (Large Molecule) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Bioanalytical Testing Services (Large Molecule) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Bioanalytical Testing Services (ADME) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Bioanalytical Testing Services (ADME) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Bioanalytical Testing Services (PK) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Bioanalytical Testing Services (PK) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Bioanalytical Testing Services (PD) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Bioanalytical Testing Services (PD) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Bioanalytical Testing Services (Bioavailability) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Bioanalytical Testing Services (Bioavailability) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Bioanalytical Testing Services (Bioequivalence) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Bioanalytical Testing Services (Bioequivalence) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Bioanalytical Testing Services (Other Test Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Bioanalytical Testing Services (Other Test Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Bioanalytical Testing Services (Sample Preparation) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Bioanalytical Testing Services (Sample Preparation) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Bioanalytical Testing Services (Sample Analysis) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Bioanalytical Testing Services (Sample Analysis) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Bioanalytical Testing Services (Other Workflows) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Bioanalytical Testing Services (Other Workflows) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: North America: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: North America: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: United States: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: United States: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Canada: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Canada: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Asia-Pacific: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Asia-Pacific: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: China: Bioanalytical Testing Services Market: Sales Value (in Million US\$),

2016 & 2021

Figure 39: China: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 40: Japan: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 41: Japan: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 42: India: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 43: India: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 44: South Korea: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 45: South Korea: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 46: Australia: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 47: Australia: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 48: Indonesia: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 49: Indonesia: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 50: Others: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 51: Others: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 52: Europe: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 53: Europe: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 54: Germany: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 55: Germany: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 56: France: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 57: France: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 58: United Kingdom: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: United Kingdom: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Italy: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Italy: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Spain: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Spain: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Russia: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Russia: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Others: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Others: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: Latin America: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: Latin America: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: Brazil: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: Brazil: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Mexico: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Mexico: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Others: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Others: Bioanalytical Testing Services Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Middle East and Africa: Bioanalytical Testing Services Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Middle East and Africa: Bioanalytical Testing Services Market: Breakup by

Country (in %), 2021

Figure 78: Middle East and Africa: Bioanalytical Testing Services Market Forecast:
Sales Value (in Million US\$), 2022-2027

Figure 79: Global: Bioanalytical Testing Services Industry: SWOT Analysis

Figure 80: Global: Bioanalytical Testing Services Industry: Value Chain Analysis

Figure 81: Global: Bioanalytical Testing Services Industry: Porter's Five Forces Analysis

I would like to order

Product name: Bioanalytical Testing Services Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/B53801B20DECEN.html>

Price: US\$ 2,499.00 (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/B53801B20DECEN.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

