

## Life Science Tools and Reagents: Global Markets

Market Research Report | 2024-06-28 | 132 pages | BCC Research

### **AVAILABLE LICENSES:**

- Single User License \$5500.00
- 2-5 Users License \$6600.00
- Site License \$7920.00
- Enterprise License \$9504.00

## Report description:

Description

## Report Scope

Report Includes

This report provides an analysis of the market for life sciences tools and reagents, including the leading companies, their revenues, product portfolios and recent activities. It looks at the competitive landscape and market dynamics such as drivers, restraints and opportunities. It sizes of the current and future markets. The reagents studied are antibodies, enzyme-linked immunosorbent assay (ELISA) kits, protein reagents and probes. The life science instruments include hybridization systems, PCR, Western blotting instruments, and ELISA instruments. The regions whose markets are analyzed are North America, Europe, Asia-Pacific, and the Rest of the World (RoW). Markets are also analyzed by application.

- 85 data tables and 44 additional tables
- An analysis of the global markets for life science tools and reagents, including COVID-19 diagnostics products
- Analyses of the global market trends, with market revenue data (sales figures) from 2021 to 2023, estimates for 2024, and projected CAGRs through 2029
- An estimate of the market size and revenue forecast for the market for life science tools and diagnostics, and a corresponding market share analysis based on product type, application and region
- Highlights of the current and future market potential of life science tools and diagnostics, along with an analysis of the competitive landscape, regulatory scenario and technological advances
- Facts and figures pertaining to the market dynamics, opportunities and deterrents, emerging technologies, future prospects and the impacts of macroeconomic variables
- An assessment of current products and identification of new potential markets for novel products and assay development
- A discussion on how scientific trends, government policies and the economy in general affect this market, as well as how the life science tools and diagnostics industry differs from the pharmaceutical and drug discovery industry
- A discussion of sustainability trends in the market, with emphasis on consumer attitudes, an analysis of companies' ESG scores,

the future of ESG, case studies, and the ESG practices of leading companies

- An analysis of the key patent grants and recently published patents
- Identification of the major vendors along with an analysis of the competitive landscape, including company market shares, recent M&A activity and the outlook for venture funding
- Profiles of the leading market players, including Thermo Fisher Scientific, Danaher Corp., Merck KGaA, Roche and Qiagen

#### **Executive Summary**

## Summary:

The global market for life science tools and reagents, including COVID-19 diagnostics was valued at \$59.4 billion in 2023. This market is expected to grow from \$53.2 billion in 2024 to reach \$66.5 billion by the end of 2029, at a CAGR of 4.6% during the forecast period of 2024-2029.

#### **Table of Contents:**

**Table of Contents** 

Chapter 1 Executive Summary

Market Outlook

Scope of Report

**Market Summary** 

Chapter 2 Market Overview

Overview

Product Development in Life Science

**PESTLE Analysis** 

**Political** 

Economic

Social

Technological

Environmental

Legal

Environmental

Porter's Five Forces Analysis

Bargaining Power of Buyers

**Bargaining Power of Suppliers** 

Potential for New Entrants

Threat of Substitutes

Competition in the Industry

Chapter 3 Market Dynamics

Market Dynamics Snapshot

**Market Drivers** 

Increasing Investments in R&D

Diagnostic Pathways

Prevalence of Chronic Diseases

**Broadening Range of Applications** 

**Market Restraints** 

End of COVID-19 pandemic

Cybersecurity

Lack of Reproducibility of Antibodies

Scotts International, EU Vat number: PL 6772247784

Market Challenges

End Users and Regulatory Compliance

**Market Opportunities** 

Infectious Diseases on the Rise

**New Technologies** 

Chapter 4 Emerging Technologies and Developments

Al and Machine Learning

Internet of Things (IoT)

Automation of Data Collection

Tracking of Equipment

Remote Analysis

Interconnectivity

**Predictive Maintenance** 

Robots in Life Science Labs

3D/4D Cell Culturing

Reduced Use of Harmful Chemicals

Chapter 5 Market Segmentation Analysis

Segmental Breakdown

Market Analysis by Type

COVID-19 Diagnostic Tests Market

Market for Life Science Tools and Reagents

Market Breakdown by Application

Genomics

**Proteomics** 

Cell Biology

Stem Cells

**Imaging Tools and Techniques** 

**Animal Models** 

**Epigenetics Tools and Reagents** 

Metabolomics

Other Applications

Geographic Breakdown

Market Analysis by Region

North America

Europe

Asia-Pacific

Rest of the World

Chapter 6 Competitive Intelligence

Analysis of Leading Companies

PCR Technologies and Reagents

Microplate Readers/ELISA Instruments

**Antibodies** 

**ELISA Tests** 

Life Science Kits and Assays

**COVID-19 Diagnostics** 

Strategic Analysis

Product Introductions

Scotts International, EU Vat number: PL 6772247784

Collaborations and Agreements

Mergers and Acquisitions

Other Strategic Developments

Chapter 7 Sustainability in the Life Sciences Tools and Reagents Market: An ESG Perspective

Introduction to ESG

Environment

Social Issues

Governance

ESG Performance Analysis in the Life Science Tools and Reagents Industry

**Packaging** 

**ESG Risk Ratings** 

ESG-related Opportunities and Risks

Concluding Remarks from BCC Research

Chapter 8 Appendix

Methodology

**Abbreviations** 

Sources

**Company Profiles** 

BD

**BIO-RAD LABORATORIES INC.** 

DANAHER CORP.

F. HOFFMANN-LA ROCHE LTD.

MERCK KGAA

PROMEGA CORP.

**QIAGEN** 

**REVVITY** 

TAKARA BIO INC.

THERMO FISHER SCIENTIFIC INC.



# Life Science Tools and Reagents: Global Markets

Market Research Report | 2024-06-28 | 132 pages | BCC Research

To place an Order wi	th Scotts International:			
<ul><li>- Print this form</li></ul>				
<ul><li>Complete the re</li></ul>	levant blank fields and sign			
<ul><li>Send as a scann</li></ul>	ed email to support@scotts-internat	tional.com		
ORDER FORM:				
Select license	License			Price
	Single User License			\$5500.00
	2-5 Users License			\$6600.00
	Site License			\$7920.00
	Enterprise License			\$9504.00
			VAT	
			Total	
	ant license option. For any questions plea			
⊔** va⊺ wiii be added a	t 23% for Polish based companies, indivi	duals and EU based com	npanies who are unable to provide a	valid EU vat Number
Email*		Phone*		
First Name*		Last Name*		
Job title*				
Company Name*		EU Vat / Tax ID / NIP number*		
Address*		City*		
Zip Code*		Country*		
		Date	2025-06-26	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com www.scotts-international.com

Signature

# Scotts International. EU Vat number: PL 6772247784