

Research Antibodies & Reagents Market by Product (Antibodies (Type, Form, Source, Research Area), Reagents), Technology (Western blot, Flow Cytometry, ELISA), Application (Proteomics, Genomics), End User (Pharma, Biotech, CROs) & Region - Global forecast to 2028

Market Report | 2023-10-16 | 385 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global research antibodies and reagents market is projected to reach USD 16.2 billion by 2028 from USD 11.8 billion in 2023, at a CAGR of 6.5% during the forecast period of 2023 to 2028. The growth of this market can be attributed life science companies that are helping university researchers by providing technical and financial assistance to commercialize university research projects. Also, Antibodies play a significant role in biomarker identification and validation as they are used to detect various antigens, enzymes, DNA, and mRNAs using technologies such as ELISA, electrophoresis, and fluorescence assays that are based on conventional immunoassays. Moreover, developing various separation techniques, advanced protein identification, and structure determination technologies has enabled thousands of proteins to be identified from complex mixtures. This has created significant demand for research antibodies for biomarker identification and validation applications.

On the basis of source, the mice segment holds the highest market share during the forecast period.

Based on the source, the research antibodies market has been categorized into rabbits, mice, and others. Mice accounted for the largest share of the global research antibodies market, by source, in 2022. Mice have traditionally been the host of choice to produce monoclonal antibodies and as a second host against primary rabbit antibodies. These animals offer the advantage of easy production compared to animal use and economic considerations. Such cost-effectiveness of mice as a primary source of antibodies makes this segment the higher share holder.

On the basis of technology, the flow cytometry segment is expected to register the highest CAGR during the forecast period.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

On the basis of technology, the research antibodies and reagents market is segmented into western blotting, flow cytometry, ELISA, Immunohistochemistry, Immunofluorescence, Immunoprecipitation, and other technologies. During the forecast period the flow cytometry segment is expected to witness the highest growth. One of the major advantages of flow cytometry technique is its ability to perform simultaneous multi-parameter analysis on single cells within a heterogeneous mixture. It offers a high throughput and the automated quantification of cell features. These factors, along with technological innovations in flow cytometry and its growing applications in cancer research, are driving the growth of this segment.

On the basis of application, the proteomics holds the highest market share during the forecast period.

On the basis of application, the research antibodies and reagents market is segmented into proteomics, drug development and Genomics. In 2022, Proteomics held the largest share of the global research antibodies and reagents market. The increasing importance of proteomic studies in various fields (such as cancer biology, developmental and stem cell biology, and medicine) and the need for the remedial treatment of life-threatening diseases (such as respiratory infections, neurological conditions, and tuberculosis) have led many government agencies to promote proteomics research actively, thus promoting market growth.

On the basis of end user, the pharmaceutical & biotechnology holds the second highest market share during the forecast period. The research antibodies and reagents market is divided into the pharmaceutical & biotechnology companies, research laboratories and Contract Research Organizations. In 2022 the pharmaceutical & biotechnology companies held the second largest share of the global research antibodies and reagents end-user market as pharmaceutical & biotechnology companies require antibodies for prognostic, predictive, or diagnostic identification and the quantification of biomarkers in drug discovery and development.

By Region, The Asia Pacific region is expected to register the highest CAGR during the forecast period.

During the forecast period (2023 to 2028), the Asia Pacific research antibodies and reagents market is expected to grow at the highest CAGR. Owing to high growth potential, many manufacturers are extending their global manufacturing bases to the APAC. With their low-cost manufacturing advantage, manufacturers consider China and India the most profitable manufacturing and R&D locations. This is contributing to high growth rate in the Asia Pacific region.

Break of primary participants was as mentioned below:

-□By Respondant - Supply Side-70%, Demand Side-30%

-□By Designation - Manager-45%, CXOs and Directors-30%, Executives-25%

-□By Region - North America-30%, Europe-25%, Asia Pacific-30%, Latin America- 10%, Middle East and Africa-5%

?

Key players in the research antibodies and reagents market

Some prominent players in the global research antibodies and reagents market are Abcam plc (UK), Cell Signaling Technology, Inc. (US), Thermo Fisher Scientific Inc. (US), Merck KGaA (Germany), BD (US), Bio-Rad Laboratories, Inc. (US), F. Hoffmann-La Roche Ltd (Switzerland), Agilent Technologies, Inc. (US), Danaher (US), Lonza (Switzerland), GenScript (China), Revvity (US), SouthernBiotech (US), Illumina, Inc. (US), ImmunoPrecise Antibodies Ltd (US), Fujirebio (Sweden), Analytik Jena GmbH+Co. KG (Germany), Omega Bio-tek, Inc. (US), Dovetail Genomics (US), Atlas Antibodies (Sweden), Rockland Immunochemicals, Inc. (US), Santa Cruz Biotechnology, Inc.(US), Jackson ImmunoResearch Inc. (US), Proteintech Group, Inc. (US), and ICL, Inc. (US).

Research Coverage:

The report analyzes the research antibodies and reagent market and aims at estimating the market size and future growth potential of this market based on various segments such as product, distribution channel, and region. The report also includes a

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

product portfolio matrix of various research antibodies and reagents products available in the market. The report also provides a competitive analysis of the key players in this market, along with their company profiles, product offerings, and key market strategies.

Key Benefits of buying the Report

The report will enrich established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn would help them, garner a more significant share of the market. Firms purchasing the report could use one or any combination of the below-mentioned strategies to strengthen their position in the market.

This report provides insights into the following pointers:

- Analysis of key drivers (Rising funding for life sciences research, Increasing industry-academia collaborations, Growing applications of biomarker identification & validation), restraint (Quality concerns and inadequacy of reproducible results, Ethical concerns for animal welfare in antibody production), opportunities (High-growth potential of emerging economies, Rising demand for personalized medicine and protein therapeutics, Growth in stem cell and neurobiology research, Outsourcing of services to CROs), challenges (Complexities associated with antibody development, Increasing pricing pressure).
- Market Penetration: Comprehensive information on product portfolios offered by the top players in the global research antibodies and reagent market. The report analyzes this market by product and distribution channel.
- Product Enhancement/Innovation: Detailed insights on upcoming trends and product launches in the global research antibodies and reagent market.
- Market Development: Comprehensive information on the lucrative emerging markets by product and distribution channel
- Market Diversification: Exhaustive information about new products or product enhancements, growing geographies, recent developments, and investments in the global research antibodies and reagent market.
- Competitive Assessment: In-depth assessment of market shares, growth strategies, product offerings, competitive leadership mapping, and capabilities of leading players in the global research antibodies and reagent market.

Table of Contents:

1□INTRODUCTION□	54
1.1□STUDY OBJECTIVES□	54
1.2□MARKET DEFINITION□	54
1.2.1□INCLUSIONS AND EXCLUSIONS□	55
1.2.2□MARKETS COVERED□	56
FIGURE 1□RESEARCH ANTIBODIES AND REAGENTS MARKET□	56
1.2.3□YEARS CONSIDERED□	56
1.3□CURRENCY CONSIDERED□	57
1.4□STAKEHOLDERS□	57
1.5□LIMITATIONS□	57
1.6□SUMMARY OF CHANGES□	57
1.6.1□RECESSION IMPACT□	58
2□RESEARCH METHODOLOGY□	59
2.1□RESEARCH APPROACH□	59
FIGURE 2□RESEARCH DESIGN□	59
2.1.1□SECONDARY DATA□	60
2.1.2□PRIMARY DATA□	61
FIGURE 3□BREAKDOWN OF PRIMARIES□	61
2.2□MARKET SIZE ESTIMATION□	62
FIGURE 4□MARKET SIZE ESTIMATION (SUPPLY-SIDE ANALYSIS) FOR 2022□	62
FIGURE 5□MARKET SIZE ESTIMATION: REVENUE SHARE ANALYSIS METHODOLOGY□	63
FIGURE 6□MARKET SIZE ESTIMATION: APPROACH 1 (REVENUE SHARE ANALYSIS), 2022□	63

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

FIGURE 7	ILLUSTRATIVE EXAMPLE OF THERMO FISHER SCIENTIFIC INC.: REVENUE SHARE ANALYSIS (2022)	64
2.2.1	INSIGHTS FROM PRIMARY EXPERTS	65
FIGURE 8	MARKET VALIDATION FROM PRIMARY SOURCES	65
FIGURE 9	TOP-DOWN APPROACH	66
2.3	MARKET GROWTH RATE PROJECTIONS	67
FIGURE 10	CAGR PROJECTIONS	67
FIGURE 11	RESEARCH ANTIBODIES AND REAGENTS MARKET: GROWTH ANALYSIS OF DRIVERS, RESTRAINTS, CHALLENGES, AND OPPORTUNITIES	68
2.4	DATA TRIANGULATION AND METHODOLOGY APPROACH	69
FIGURE 12	DATA TRIANGULATION METHODOLOGY	69
2.5	RESEARCH ASSUMPTIONS	70
2.6	RISK ANALYSIS	70
2.7	RECESSION IMPACT ANALYSIS	71
TABLE 1	GLOBAL INFLATION RATE PROJECTIONS, 2021-2028 (% GROWTH)	71
TABLE 2	US HEALTH EXPENDITURE, 2019-2022 (USD MILLION)	72
TABLE 3	US HEALTH EXPENDITURE, 2023-2028 (USD MILLION)	72
3	EXECUTIVE SUMMARY	73
FIGURE 13	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY PRODUCT, 2023 VS. 2028 (USD MILLION)	73
FIGURE 14	RESEARCH ANTIBODIES MARKET, BY TYPE, 2023 VS. 2028 (USD MILLION)	74
FIGURE 15	RESEARCH REAGENTS MARKET, BY TYPE, 2023 VS. 2028 (USD MILLION)	74
FIGURE 16	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY TECHNOLOGY, 2023 VS. 2028 (USD MILLION)	75
FIGURE 17	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)	76
FIGURE 18	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY END USER, 2023 VS. 2028 (USD MILLION)	76
FIGURE 19	GEOGRAPHIC SNAPSHOT OF RESEARCH ANTIBODIES AND REAGENTS MARKET	77
4	PREMIUM INSIGHTS	79
4.1	RESEARCH ANTIBODIES AND REAGENTS MARKET OVERVIEW	79
FIGURE 20	RIISING FUNDING INVESTMENTS IN LIFE SCIENCES RESEARCH TO DRIVE MARKET GROWTH DURING FORECAST PERIOD	79
4.2	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY APPLICATION	80
FIGURE 21	PROTEOMICS SEGMENT ACCOUNTED FOR LARGEST MARKET SHARE IN 2022	80
4.3	GEOGRAPHIC GROWTH OPPORTUNITIES	81
FIGURE 22	CHINA TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD	81
4.4	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY REGION	81
FIGURE 23	ASIA PACIFIC SEGMENT TO DOMINATE MARKET DURING FORECAST PERIOD	81
4.5	RESEARCH ANTIBODIES AND REAGENTS MARKET: DEVELOPED VS. EMERGING MARKETS	82
FIGURE 24	EMERGING MARKETS TO REGISTER HIGHER GROWTH RATE DURING FORECAST PERIOD	82
5	MARKET OVERVIEW	83
5.1	INTRODUCTION	83
5.2	MARKET DYNAMICS	83
FIGURE 25	RESEARCH ANTIBODIES AND REAGENTS MARKET: DRIVERS, OPPORTUNITIES, RESTRAINTS, AND CHALLENGES	83
TABLE 4	RESEARCH ANTIBODIES AND REAGENTS MARKET: IMPACT ANALYSIS	84
5.2.1	DRIVERS	84
5.2.1.1	Rising funding for life sciences research	84
5.2.1.2	Increasing industry-academia collaborations	85
5.2.1.3	Growing applications of biomarker identification & validation	86
5.2.2	RESTRAINTS	86
5.2.2.1	Quality concerns and inadequacy of reproducible results	86
5.2.2.2	Ethical concerns for animal welfare in antibody production	87

5.2.3	OPPORTUNITIES	87
5.2.3.1	High-growth potential of emerging economies	87
5.2.3.2	Personalized medicine and protein therapeutics	88
5.2.3.3	Growth in stem cell and neurobiology research	89
5.2.3.4	Outsourcing services to CROs	89
5.2.4	CHALLENGES	90
5.2.4.1	Complexities associated with antibody development	90
5.2.4.2	Increasing pricing pressure	90
5.3	INDUSTRY TRENDS	91
5.3.1	GROWING R&D ON THERAPEUTIC ANTIBODIES	91
5.3.2	OPTIMAL USAGE OF RECOMBINANT ANTIBODIES	91
5.4	SUPPLY CHAIN ANALYSIS	92
FIGURE 26	RESEARCH ANTIBODIES AND REAGENTS MARKETS: SUPPLY SIDE ANALYSIS	93
5.5	PRODUCT PORTFOLIO ANALYSIS	94
TABLE 5	RESEARCH ANTIBODIES AND REAGENTS MARKET: PRODUCT PORTFOLIO ANALYSIS	94
5.6	TECHNOLOGY ANALYSIS	94
5.7	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	97
FIGURE 27	REVENUE SHIFT AND REVENUE GROWTH	97
5.8	PRICING ANALYSIS	98
5.8.1	INDICATIVE PRICING ANALYSIS, BY ANTIBODIES	98
TABLE 6	INDICATIVE PRICING OF ANTIBODIES, BY KEY PLAYERS (2022)	98
5.8.2	INDICATIVE PRICING ANALYSIS OF OVERALL MARKET (QUALITATIVE ANALYSIS)	98
5.9	TRADE ANALYSIS (HS CODES)	99
TABLE 7	EXPORT DATA FOR DIAGNOSTIC OR LABORATORY REAGENTS (HS CODE 3822), 2018-2022 (USD THOUSAND)	99
TABLE 8	IMPORT DATA FOR DIAGNOSTIC OR LABORATORY REAGENTS (HS CODE 3822), 2018-2022 (USD THOUSAND)	100
5.10	ECOSYSTEM ANALYSIS	101
5.10.1	ROLE IN ECOSYSTEM	101
5.11	PATENT ANALYSIS	102
FIGURE 28	RESEARCH ANTIBODIES AND REAGENT MARKET: PATENT ANALYSIS	102
TABLE 9	INDICATIVE LIST OF PATENTS IN RESEARCH ANTIBODIES AND REAGENTS MARKET	103
5.12	KEY CONFERENCES AND EVENTS	104
TABLE 10	RESEARCH ANTIBODIES AND REAGENTS MARKET: DETAILED LIST OF CONFERENCES AND EVENTS (2023?2024)	104
5.13	REGULATORY ANALYSIS	105
5.13.1	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	106
TABLE 11	LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	106
5.14	PORTER'S FIVE FORCES ANALYSIS	107
TABLE 12	RESEARCH ANTIBODIES AND REAGENTS MARKET: PORTER'S FIVE FORCES ANALYSIS	107
5.14.1	THREAT OF NEW ENTRANTS	107
5.14.2	THREAT OF SUBSTITUTES	107
5.14.3	BARGAINING POWER OF SUPPLIERS	107
5.14.4	BARGAINING POWER OF BUYERS	107
5.14.5	INTENSITY OF COMPETITIVE RIVALRY	107
5.15	KEY STAKEHOLDERS AND BUYING CRITERIA	108
FIGURE 29	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR RESEARCH ANTIBODY & REAGENT PRODUCTS	108
FIGURE 30	BUYING CRITERIA FOR PRODUCTS, BY END USER	108
6	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY PRODUCT	109
6.1	INTRODUCTION	110

TABLE 13 RESEARCH ANTIBODIES AND REAGENTS MARKET, BY PRODUCT, 2021-2028 (USD MILLION) 110

6.2 REAGENTS 110

TABLE 14 REAGENTS, BY TYPE AND APPLICATION 111

TABLE 15 RESEARCH REAGENTS MARKET, BY TYPE, 2021-2028 (USD MILLION) 112

TABLE 16 RESEARCH REAGENTS MARKET, BY REGION, 2021-2028 (USD MILLION) 113

TABLE 17 NORTH AMERICA: RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 113

TABLE 18 EUROPE: RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 113

TABLE 19 ASIA PACIFIC: RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 114

TABLE 20 LATIN AMERICA: RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 114

TABLE 21 MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 114

6.2.1 MEDIA & SERA 115

6.2.1.1 Critical component in cell culture to boost demand 115

TABLE 22 RESEARCH REAGENTS MARKET FOR MEDIA & SERA, BY REGION, 2021-2028 (USD MILLION) 115

TABLE 23 NORTH AMERICA: RESEARCH REAGENTS MARKET FOR MEDIA & SERA, BY COUNTRY, 2021-2028 (USD MILLION) 116

TABLE 24 EUROPE: RESEARCH REAGENTS MARKET FOR MEDIA & SERA, BY COUNTRY, 2021-2028 (USD MILLION) 116

TABLE 25 ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR MEDIA & SERA, BY COUNTRY, 2021-2028 (USD MILLION) 116

TABLE 26 LATIN AMERICA: RESEARCH REAGENTS MARKET FOR MEDIA & SERA, BY COUNTRY, 2021-2028 (USD MILLION) 117

TABLE 27 MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR MEDIA & SERA, BY COUNTRY, 2021-2028 (USD MILLION) 117

6.2.2 STAINS & DYES 117

6.2.2.1 Growing applications in cell biology and molecular studies to fuel uptake 117

TABLE 28 RESEARCH REAGENTS MARKET FOR STAINS & DYES, BY REGION, 2021-2028 (USD MILLION) 118

TABLE 29 NORTH AMERICA: RESEARCH REAGENTS MARKET FOR STAINS & DYES, BY COUNTRY, 2021-2028 (USD MILLION) 118

TABLE 30 EUROPE: RESEARCH REAGENTS MARKET FOR STAINS & DYES, BY COUNTRY, 2021-2028 (USD MILLION) 119

TABLE 31 ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR STAINS & DYES, BY COUNTRY, 2021-2028 (USD MILLION) 119

TABLE 32 LATIN AMERICA: RESEARCH REAGENTS MARKET FOR STAINS & DYES, BY COUNTRY, 2021-2028 (USD MILLION) 119

TABLE 33 MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR STAINS & DYES, BY REGION, 2021-2028 (USD MILLION) 120

6.2.3 FIXATIVES 120

6.2.3.1 High utilization in immunohistochemistry and western blotting to propel market 120

TABLE 34 RESEARCH REAGENTS MARKET FOR FIXATIVES, BY REGION, 2021-2028 (USD MILLION) 120

TABLE 35 NORTH AMERICA: RESEARCH REAGENTS MARKET FOR FIXATIVES, BY COUNTRY, 2021-2028 (USD MILLION) 121

TABLE 36 EUROPE: RESEARCH REAGENTS MARKET FOR FIXATIVES, BY COUNTRY, 2021-2028 (USD MILLION) 121

TABLE 37 ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR FIXATIVES, BY COUNTRY, 2021-2028 (USD MILLION) 121

TABLE 38 LATIN AMERICA: RESEARCH REAGENTS MARKET FOR FIXATIVES, BY COUNTRY, 2021-2028 (USD MILLION) 122

TABLE 39 MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR FIXATIVES, BY COUNTRY, 2021-2028 (USD MILLION) 122

6.2.4 BUFFERS 122

6.2.4.1 High utilization in drug development to drive market 122

TABLE 40 RESEARCH REAGENTS MARKET FOR BUFFERS, BY REGION, 2021-2028 (USD MILLION) 123

TABLE 41 NORTH AMERICA: RESEARCH REAGENTS MARKET FOR BUFFERS, BY COUNTRY, 2021-2028 (USD MILLION) 123

TABLE 42 EUROPE: RESEARCH REAGENTS MARKET FOR BUFFERS, BY COUNTRY, 2021-2028 (USD MILLION) 123

TABLE 43 ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR BUFFERS, BY COUNTRY, 2021-2028 (USD MILLION) 124

TABLE 44 LATIN AMERICA: RESEARCH REAGENTS MARKET FOR BUFFERS, BY COUNTRY, 2021-2028 (USD MILLION) 124

TABLE 45 MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR BUFFERS, BY COUNTRY, 2021-2028 (USD MILLION) 124

6.2.5 SOLVENTS 125

6.2.5.1 Broad applications in pharmaceutical processes and IHC assays to propel market 125

TABLE 46 RESEARCH REAGENTS MARKET FOR SOLVENTS, BY REGION, 2021-2028 (USD MILLION) 125

TABLE 47 NORTH AMERICA: RESEARCH REAGENTS MARKET FOR SOLVENTS, BY COUNTRY, 2021-2028 (USD MILLION) 125

TABLE 48 EUROPE: RESEARCH REAGENTS MARKET FOR SOLVENTS, BY COUNTRY, 2021-2028 (USD MILLION) 126

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 49	ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR SOLVENTS, BY COUNTRY, 2021-2028 (USD MILLION)	126
TABLE 50	LATIN AMERICA: RESEARCH REAGENTS MARKET FOR SOLVENTS, BY COUNTRY, 2021-2028 (USD MILLION)	126
TABLE 51	MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR SOLVENTS, BY COUNTRY, 2021-2028 (USD MILLION)	127
6.2.6	ENZYMES	127
6.2.6.1	Rising proteomic & genomic research studies to fuel uptake	127
TABLE 52	RESEARCH REAGENTS MARKET FOR ENZYMES, BY REGION, 2021-2028 (USD MILLION)	128
TABLE 53	NORTH AMERICA: RESEARCH REAGENTS MARKET FOR ENZYMES, BY COUNTRY, 2021-2028 (USD MILLION)	128
TABLE 54	EUROPE: RESEARCH REAGENTS MARKET FOR ENZYMES, BY COUNTRY, 2021-2028 (USD MILLION)	128
TABLE 55	ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR ENZYMES, BY COUNTRY, 2021-2028 (USD MILLION)	129
TABLE 56	LATIN AMERICA: RESEARCH REAGENTS MARKET FOR ENZYMES, BY COUNTRY, 2021-2028 (USD MILLION)	129
TABLE 57	MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR ENZYMES, BY COUNTRY, 2021-2028 (USD MILLION)	129
6.2.7	PROBES	130
6.2.7.1	Quantitative and versatile capabilities to propel market	130
TABLE 58	RESEARCH REAGENTS MARKET FOR PROBES, BY REGION, 2021-2028 (USD MILLION)	130
TABLE 59	NORTH AMERICA: RESEARCH REAGENTS MARKET FOR PROBES, BY COUNTRY, 2021-2028 (USD MILLION)	130
TABLE 60	EUROPE: RESEARCH REAGENTS MARKET FOR PROBES, BY COUNTRY, 2021-2028 (USD MILLION)	131
TABLE 61	ASIA PACIFIC: RESEARCH REAGENTS MARKET FOR PROBES, BY COUNTRY, 2021-2028 (USD MILLION)	131
TABLE 62	LATIN AMERICA: RESEARCH REAGENTS MARKET FOR PROBES, BY COUNTRY, 2021-2028 (USD MILLION)	131
TABLE 63	MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR FIXATIVES, BY COUNTRY, 2021-2028 (USD MILLION)	132
6.2.8	OTHER REAGENTS	132
TABLE 64	OTHER RESEARCH REAGENTS MARKET, BY REGION, 2021-2028 (USD MILLION)	132
TABLE 65	NORTH AMERICA: OTHER RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	133
TABLE 66	EUROPE: OTHER RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	133
TABLE 67	ASIA PACIFIC: OTHER RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	133
TABLE 68	LATIN AMERICA: OTHER RESEARCH REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	134
TABLE 69	MIDDLE EAST & AFRICA: RESEARCH REAGENTS MARKET FOR OTHER RESEARCH REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION)	134
6.3	ANTIBODIES	134
TABLE 70	RESEARCH ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	135
TABLE 71	NORTH AMERICA: RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	135
TABLE 72	EUROPE: RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	136
TABLE 73	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	136
TABLE 74	LATIN AMERICA: RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	136
TABLE 75	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	137
6.3.1	ANTIBODIES, BY TYPE	137
TABLE 76	ANTIBODIES, BY TYPE AND APPLICATION	137
TABLE 77	RESEARCH ANTIBODIES MARKET, BY TYPE, 2021-2028 (USD MILLION)	137
6.3.1.1	Primary antibodies	138
6.3.1.1.1	Rising demand for personalized therapeutics to drive market	138
TABLE 78	PRIMARY RESEARCH ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	138
TABLE 79	NORTH AMERICA: PRIMARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	139
TABLE 80	EUROPE: PRIMARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	139
TABLE 81	ASIA PACIFIC: PRIMARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	139
TABLE 82	LATIN AMERICA: PRIMARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	140
TABLE 83	MIDDLE EAST & AFRICA: PRIMARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	140
6.3.1.2	Secondary antibodies	140
6.3.1.2.1	Low production costs to support market growth	140

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 84	SECONDARY RESEARCH ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	141
TABLE 85	NORTH AMERICA: SECONDARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	141
TABLE 86	EUROPE: SECONDARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	142
TABLE 87	ASIA PACIFIC: SECONDARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	142
TABLE 88	LATIN AMERICA: SECONDARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	142
TABLE 89	MIDDLE EAST & AFRICA: SECONDARY RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	143
6.3.2	ANTIBODIES, BY FORM	143
TABLE 90	ANTIBODIES, BY FORM AND APPLICATION	143
TABLE 91	RESEARCH ANTIBODIES MARKET, BY FORM, 2021-2028 (USD MILLION)	144
6.3.2.1	Monoclonal antibodies	144
6.3.2.1.1	High usage in biomedical science to boost demand	144
TABLE 92	MONOCLONAL RESEARCH ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	144
TABLE 93	NORTH AMERICA: MONOCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	145
TABLE 94	EUROPE: MONOCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	145
TABLE 95	ASIA PACIFIC: MONOCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	145
TABLE 96	LATIN AMERICA: MONOCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	146
TABLE 97	MIDDLE EAST & AFRICA: MONOCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	146
6.3.2.2	Polyclonal antibodies	146
6.3.2.2.1	Ability to target specific assays to fuel uptake	146
TABLE 98	POLYCLONAL RESEARCH ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	147
TABLE 99	NORTH AMERICA: POLYCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	147
TABLE 100	EUROPE: POLYCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	147
TABLE 101	ASIA PACIFIC: POLYCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	148
TABLE 102	LATIN AMERICA: POLYCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	148
TABLE 103	MIDDLE EAST & AFRICA: POLYCLONAL RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	148
6.3.2.3	Recombinant antibodies	149
6.3.2.3.1	High usage in cancer treatment to fuel uptake	149
TABLE 104	RECOMBINANT RESEARCH ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	149
TABLE 105	NORTH AMERICA: RECOMBINANT RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	149
TABLE 106	EUROPE: RECOMBINANT RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	150
TABLE 107	ASIA PACIFIC: RECOMBINANT RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	150
TABLE 108	LATIN AMERICA: RECOMBINANT RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	150
TABLE 109	MIDDLE EAST & AFRICA: RECOMBINANT RESEARCH ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	151
6.3.3	ANTIBODIES, BY SOURCE	151
TABLE 110	ANTIBODIES, BY SOURCE AND APPLICATION	151
TABLE 111	RESEARCH ANTIBODIES MARKET, BY SOURCE, 2021-2028 (USD MILLION)	152
6.3.3.1	Mice	152
6.3.3.1.1	Preferred hosts for antibody production to propel market	152
TABLE 112	MICE ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	153
TABLE 113	NORTH AMERICA: MICE ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	153
TABLE 114	EUROPE: MICE ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	153
TABLE 115	ASIA PACIFIC: MICE ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	154
TABLE 116	LATIN AMERICA: MICE ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	154
TABLE 117	MIDDLE EAST & AFRICA: MICE ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	154
6.3.3.2	Rabbits	155
6.3.3.2.1	Cost-effective benefits to drive demand	155
TABLE 118	RABBIT ANTIBODIES MARKET, BY REGION, 2021-2028 (USD MILLION)	155

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 119	NORTH AMERICA: RABBIT ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	155
TABLE 120	EUROPE: RABBIT ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	156
TABLE 121	ASIA PACIFIC: RABBIT ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	156
TABLE 122	LATIN AMERICA: RABBIT ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	156
TABLE 123	MIDDLE EAST & AFRICA: RABBIT ANTIBODIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	157
6.3.3.3	Other sources	157
TABLE 124	OTHER ANTIBODY SOURCES MARKET, BY REGION, 2021-2028 (USD MILLION)	157
TABLE 125	NORTH AMERICA: OTHER ANTIBODY SOURCES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	157
TABLE 126	EUROPE: OTHER ANTIBODY SOURCES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	158
TABLE 127	ASIA PACIFIC: OTHER ANTIBODY SOURCES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	158
TABLE 128	LATIN AMERICA: OTHER ANTIBODY SOURCES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	158
TABLE 129	MIDDLE EAST & AFRICA: OTHER ANTIBODY SOURCES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	159
6.3.4	ANTIBODIES, BY RESEARCH AREA	159
TABLE 130	ANTIBODIES, BY RESEARCH AREA AND APPLICATION	159
TABLE 131	RESEARCH ANTIBODIES MARKET, BY RESEARCH AREA, 2021-2028 (USD MILLION)	161
6.3.4.1	Oncology	161
6.3.4.1.1	Rising incidence of cancer and associated oncology diagnostics to drive market	161
TABLE 132	RESEARCH ANTIBODIES MARKET FOR ONCOLOGY, BY REGION, 2021-2028 (USD MILLION)	162
TABLE 133	NORTH AMERICA: RESEARCH ANTIBODIES MARKET FOR ONCOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	162
TABLE 134	EUROPE: RESEARCH ANTIBODIES MARKET FOR ONCOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	162
TABLE 135	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET FOR ONCOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	163
TABLE 136	LATIN AMERICA: RESEARCH ANTIBODIES MARKET FOR ONCOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	163
TABLE 137	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET FOR ONCOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	163
6.3.4.2	Infectious diseases	164
6.3.4.2.1	Increasing incidence of viral infections to drive market	164
TABLE 138	RESEARCH ANTIBODIES MARKET FOR INFECTIOUS DISEASES, BY REGION, 2021-2028 (USD MILLION)	164
TABLE 139	NORTH AMERICA: RESEARCH ANTIBODIES MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)	165
TABLE 140	EUROPE: RESEARCH ANTIBODIES MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)	165
TABLE 141	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)	165
TABLE 142	LATIN AMERICA: RESEARCH ANTIBODIES MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)	166
TABLE 143	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET FOR INFECTIOUS DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)	166
6.3.4.3	Immunology	166
6.3.4.3.1	Growing awareness of autoimmune diseases to support market growth	166
TABLE 144	RESEARCH ANTIBODIES MARKET FOR IMMUNOLOGY, BY REGION, 2021-2028 (USD MILLION)	167
TABLE 145	NORTH AMERICA: RESEARCH ANTIBODIES MARKET FOR IMMUNOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	167
TABLE 146	EUROPE: RESEARCH ANTIBODIES MARKET FOR IMMUNOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	167
TABLE 147	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET FOR IMMUNOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	168
TABLE 148	LATIN AMERICA: RESEARCH ANTIBODIES MARKET FOR IMMUNOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	168
TABLE 149	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET FOR IMMUNOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	168
6.3.4.4	Neurobiology	169
6.3.4.4.1	Wide applications in molecular & cellular neuroscience to drive market	169
TABLE 150	RESEARCH ANTIBODIES MARKET FOR NEUROBIOLOGY, BY REGION, 2021-2028 (USD MILLION)	169
TABLE 151	NORTH AMERICA: RESEARCH ANTIBODIES MARKET FOR NEUROBIOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	170

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 152	EUROPE: RESEARCH ANTIBODIES MARKET FOR NEUROBIOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	170
TABLE 153	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET FOR NEUROBIOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	170
TABLE 154	LATIN AMERICA: RESEARCH ANTIBODIES MARKET FOR NEUROBIOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	171
TABLE 155	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET FOR NEUROBIOLOGY, BY COUNTRY, 2021-2028 (USD MILLION)	171
6.3.4.5 Stem cells		
6.3.4.5.1 Growing importance of transplantations to propel market		
TABLE 156	RESEARCH ANTIBODIES MARKET FOR STEM CELLS, BY REGION, 2021-2028 (USD MILLION)	172
TABLE 157	NORTH AMERICA: RESEARCH ANTIBODIES MARKET FOR STEM CELLS, BY COUNTRY, 2021-2028 (USD MILLION)	172
TABLE 158	EUROPE: RESEARCH ANTIBODIES MARKET FOR STEM CELLS, BY COUNTRY, 2021-2028 (USD MILLION)	173
TABLE 159	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET FOR STEM CELLS, BY COUNTRY, 2021-2028 (USD MILLION)	173
TABLE 160	LATIN AMERICA: RESEARCH ANTIBODIES MARKET FOR STEM CELLS, BY COUNTRY, 2021-2028 (USD MILLION)	173
TABLE 161	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET FOR STEM CELLS, BY COUNTRY, 2021-2028 (USD MILLION)	174
6.3.4.6 Other research areas		
TABLE 162	RESEARCH ANTIBODIES MARKET FOR OTHER RESEARCH AREAS, BY REGION, 2021-2028 (USD MILLION)	175
TABLE 163	NORTH AMERICA: RESEARCH ANTIBODIES MARKET FOR OTHER RESEARCH AREAS, BY COUNTRY, 2021-2028 (USD MILLION)	175
TABLE 164	EUROPE: RESEARCH ANTIBODIES MARKET FOR OTHER RESEARCH AREAS, BY COUNTRY, 2021-2028 (USD MILLION)	175
TABLE 165	ASIA PACIFIC: RESEARCH ANTIBODIES MARKET FOR OTHER RESEARCH AREAS, BY COUNTRY, 2021-2028 (USD MILLION)	176
TABLE 166	LATIN AMERICA: RESEARCH ANTIBODIES MARKET FOR OTHER RESEARCH AREAS, BY COUNTRY, 2021-2028 (USD MILLION)	176
TABLE 167	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES MARKET FOR OTHER RESEARCH AREAS, BY COUNTRY, 2021-2028 (USD MILLION)	176
7 RESEARCH ANTIBODIES AND REAGENTS MARKET, BY TECHNOLOGY		
7.1 INTRODUCTION		
TABLE 168	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)	178
7.2 ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA)		
7.2.1 ABILITY TO DETECT ONCOLOGY AND INFECTIOUS DISEASE SAMPLES TO PROPEL MARKET		
TABLE 169	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR ELISA, BY REGION, 2021-2028 (USD MILLION)	179
TABLE 170	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR ELISA, BY COUNTRY, 2021-2028 (USD MILLION)	180
TABLE 171	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR ELISA, BY COUNTRY, 2021-2028 (USD MILLION)	180
TABLE 172	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR ELISA, BY COUNTRY, 2021-2028 (USD MILLION)	180
TABLE 173	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR ELISA, BY COUNTRY, 2021-2028 (USD MILLION)	181
TABLE 174	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR ELISA, BY COUNTRY, 2021-2028 (USD MILLION)	181
7.3 FLOW CYTOMETRY		
7.3.1 GROWING APPLICATIONS IN CANCER RESEARCH TO DRIVE MARKET		
TABLE 175	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR FLOW CYTOMETRY, BY REGION, 2021-2028 (USD MILLION)	182
TABLE 176	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR FLOW CYTOMETRY, BY COUNTRY, 2021-2028 (USD MILLION)	183
TABLE 177	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR FLOW CYTOMETRY, BY COUNTRY, 2021-2028 (USD MILLION)	183
TABLE 178	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR FLOW CYTOMETRY, BY COUNTRY, 2021-2028 (USD MILLION)	183

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 179	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR FLOW CYTOMETRY, BY COUNTRY, 2021-2028 (USD MILLION)	184
TABLE 180	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR FLOW CYTOMETRY, BY COUNTRY, 2021-2028 (USD MILLION)	184
7.4	WESTERN BLOTTING	184
7.4.1	HIGH ACCURACY AND SIMPLIFIED ASSESSMENT TO DRIVE MARKET	184
TABLE 181	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR WESTERN BLOTTING, BY REGION, 2021-2028 (USD MILLION)	185
TABLE 182	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR WESTERN BLOTTING, BY COUNTRY, 2021-2028 (USD MILLION)	185
TABLE 183	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR WESTERN BLOTTING, BY COUNTRY, 2021-2028 (USD MILLION)	186
TABLE 184	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR WESTERN BLOTTING, BY COUNTRY, 2021-2028 (USD MILLION)	186
TABLE 185	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR WESTERN BLOTTING, BY COUNTRY, 2021-2028 (USD MILLION)	186
TABLE 186	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR WESTERN BLOTTING, BY COUNTRY, 2021-2028 (USD MILLION)	187
7.5	IMMUNOFLUORESCENCE	187
7.5.1	ABILITY TO DETERMINE SPECIFIC GENE EXPRESSIONS TO SUPPORT MARKET	187
TABLE 187	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOFLUORESCENCE, BY REGION, 2021-2028 (USD MILLION)	188
TABLE 188	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOFLUORESCENCE, BY COUNTRY, 2021-2028 (USD MILLION)	188
TABLE 189	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOFLUORESCENCE, BY COUNTRY, 2021-2028 (USD MILLION)	188
TABLE 190	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOFLUORESCENCE, BY COUNTRY, 2021-2028 (USD MILLION)	189
TABLE 191	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOFLUORESCENCE, BY COUNTRY, 2021-2028 (USD MILLION)	189
TABLE 192	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOFLUORESCENCE, BY COUNTRY, 2021-2028 (USD MILLION)	189
7.6	IMMUNOHISTOCHEMISTRY	190
7.6.1	GROWING APPLICATIONS IN DRUG EFFICACY TESTING TO SUPPORT MARKET GROWTH	190
TABLE 193	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOHISTOCHEMISTRY, BY REGION, 2021-2028 (USD MILLION)	190
TABLE 194	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOHISTOCHEMISTRY, BY COUNTRY, 2021-2028 (USD MILLION)	191
TABLE 195	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOHISTOCHEMISTRY, BY COUNTRY, 2021-2028 (USD MILLION)	191
TABLE 196	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOHISTOCHEMISTRY, BY COUNTRY, 2021-2028 (USD MILLION)	191
TABLE 197	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOHISTOCHEMISTRY, BY COUNTRY, 2021-2028 (USD MILLION)	192
TABLE 198	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOHISTOCHEMISTRY, BY COUNTRY, 2021-2028 (USD MILLION)	192
7.7	IMMUNOPRECIPITATION	192
7.7.1	HIGH-SPECIFICITY RESULTS TO CONTRIBUTE TO MARKET GROWTH	192

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

TABLE 199	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOPRECIPITATION, BY REGION, 2021-2028 (USD MILLION)	193
TABLE 200	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOPRECIPITATION, BY COUNTRY, 2021-2028 (USD MILLION)	193
TABLE 201	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOPRECIPITATION, BY COUNTRY, 2021-2028 (USD MILLION)	194
TABLE 202	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOPRECIPITATION, BY COUNTRY, 2021-2028 (USD MILLION)	194
TABLE 203	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOPRECIPITATION, BY COUNTRY, 2021-2028 (USD MILLION)	194
TABLE 204	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR IMMUNOPRECIPITATION, BY REGION, 2021-2028 (USD MILLION)	195
7.8	OTHER TECHNOLOGIES	195
TABLE 205	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR OTHER TECHNOLOGIES, BY REGION, 2021-2028 (USD MILLION)	196
TABLE 206	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	196
TABLE 207	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	197
TABLE 208	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	197
TABLE 209	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	197
TABLE 210	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	198
8	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY APPLICATION	199
8.1	INTRODUCTION	200
TABLE 211	RESEARCH ANTIBODIES AND REAGENTS MARKET, BY APPLICATION, 2021-2028 (USD MILLION)	200
8.2	PROTEOMICS	200
8.2.1	RIISING GOVERNMENT INVESTMENTS IN RESEARCH PROJECTS TO DRIVE MARKET	200
TABLE 212	TECHNOLOGICAL APPLICATIONS OF ANTIBODIES IN PROTEOMICS	201
TABLE 213	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR PROTEOMICS, BY REGION, 2021-2028 (USD MILLION)	202
TABLE 214	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR PROTEOMICS, BY COUNTRY, 2021-2028 (USD MILLION)	202
TABLE 215	EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR PROTEOMICS, BY COUNTRY, 2021-2028 (USD MILLION)	202
TABLE 216	ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR PROTEOMICS, BY COUNTRY, 2021-2028 (USD MILLION)	203
TABLE 217	LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR PROTEOMICS, BY COUNTRY, 2021-2028 (USD MILLION)	203
TABLE 218	MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR PROTEOMICS, BY COUNTRY, 2021-2028 (USD MILLION)	203
8.3	DRUG DEVELOPMENT	204
8.3.1	RIISING PHARMA R&D EXPENDITURE TO PROPEL MARKET	204
FIGURE 31	APPLICATION OF ANTIBODIES IN DRUG DEVELOPMENT PROCESS	204
TABLE 219	RESEARCH ANTIBODIES AND REAGENTS MARKET FOR DRUG DEVELOPMENT, BY REGION, 2021-2028 (USD MILLION)	205
TABLE 220	NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR DRUG DEVELOPMENT, BY COUNTRY, 2021-2028	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

(USD MILLION)205

TABLE 221EUROPE: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR DRUG DEVELOPMENT, BY COUNTRY, 2021-2028 (USD MILLION)206

TABLE 222ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR DRUG DEVELOPMENT, BY COUNTRY, 2021-2028 (USD MILLION)206

TABLE 223LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR DRUG DEVELOPMENT, BY COUNTRY, 2021-2028 (USD MILLION)206

TABLE 224MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR DRUG DEVELOPMENT, BY COUNTRY, 2021-2028 (USD MILLION)207

8.4GENOMICS207

8.4.1INCREASING INVESTMENTS IN GENOMICS MEDICINE TO SUPPORT MARKET GROWTH207

TABLE 225RESEARCH ANTIBODIES AND REAGENTS MARKET FOR GENOMICS, BY REGION, 2021-2028 (USD MILLION)208

TABLE 226NORTH AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR GENOMICS, BY COUNTRY, 2021-2028 (USD MILLION)208

TABLE 227RESEARCH ANTIBODIES AND REAGENTS MARKET FOR GENOMICS, BY COUNTRY, 2021-2028 (USD MILLION)209

TABLE 228ASIA PACIFIC: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR GENOMICS, BY COUNTRY, 2021-2028 (USD MILLION)209

TABLE 229LATIN AMERICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR GENOMICS, BY COUNTRY, 2021-2028 (USD MILLION)209

TABLE 230MIDDLE EAST & AFRICA: RESEARCH ANTIBODIES AND REAGENTS MARKET FOR GENOMICS, BY COUNTRY, 2021-2028 (USD MILLION)210

Research Antibodies & Reagents Market by Product (Antibodies (Type, Form, Source, Research Area), Reagents), Technology (Western blot, Flow Cytometry, ELISA), Application (Proteomics, Genomics), End User (Pharma, Biotech, CROs) & Region - Global forecast to 2028

Market Report | 2023-10-16 | 385 pages | MarketsandMarkets

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Zip Code*

Country*

Date

Signature