

Proteomics Market by Product (Spectroscopy, Chromatography, Electrophoresis, X-Ray Crystallography), Reagent, Service, (Core Proteomics, Bioinformatics), Application (Diagnostic, Drug Discovery), End User (Hospital, Labs, Biopharma) - Global Forecasts to 2028

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Report description:

The global proteomics market size is projected to reach USD 72.9 billion by 2028 from 36.8 billion in 2023, at a CAGR of 14.6% during the forecast period. Factors such as increasing government funding for R&D projects to develop new therapeutics and protein-based drugs and the growing demand for personalized and efficient therapeutics, support the demand for proteomics products & services, and drive the market growth at a faster pace.

"The spectroscopy segment is likely to grow at the highest CAGR during the forecast period of 2023-2028."

On the basis of instrumentation technologies, the proteomics market is broadly segmented into spectroscopy, chromatography, electrophoresis, protein microarrays, X-ray crystallography, surface plasmon resonance, protein fractionation, and other technologies. The spectroscopy segment is projected to grow at the highest CAGR during the forecast period. The growth is attributed to the factor that the technique is widely employed in protein analysis to elucidate the protein structure (size, shape, secondary, or tertiary conformations), quantification, and interactions with molecules such as ligands, solutes, or other proteins.

"The biochips sub-segment is likely to grow at the highest CAGR during the forecast period of 2023-2028."

On the basis of instrumentation technology protein microarray, the proteomics market is broadly segmented into biochips and microarray instruments. The biochips segment is projected to grow at the highest CAGR during the forecast period. The growth is attributed to the several advantages in proteomics research, including high-throughput analysis, multiplexing, sensitivity, specificity, reduced sample requirements, and automation.

"The pharmaceutical & biotechnological companies segment is likely to grow at the highest CAGR during the forecast period of 2023-2028."

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Based on end users, the proteomics market is segmented into hospitals, clinical laboratories, pharmaceutical companies, academic research laboratories, and other end users like CDMOs, and CROs. The pharmaceutical & biotechnological companies segment held a dominant share of the proteomics market, in 2022. The large share of this segment is attributed to the growing focus of pharma giants on core activities like increasing R&D for the discovery & development of new molecules. This is one of the major factors anticipated to project market growth.

"Asia Pacific region is likely to grow at a faster pace."

The proteomics market is divided into North America, Europe, the Asia Pacific, Latin America, and the Middle East & Africa. In 2022, North America accounted for the dominant share of the proteomics market. The dominance of the region is attributable to various factors such as the presence of leading players in the region coupled with the ongoing research activities of developing new targeted therapies. Asia Pacific region is likely to grow at a faster pace owing to various factors such as the growing awareness of personalized therapeutics, rising government initiatives for generic medicines in the region, and the emergence of new market players in the proteomics market.

The primary interviews conducted for this report can be categorized as follows:

-□By Respondent: Supply Side- 70%, and Demand Side - 30%

-□By Designation (Supply Side): Managers - 45%, CXOs & Directors - 30%, Executives- 25%

-□By Region: North America -40%, Europe -25%, Asia-Pacific -20%, Latin America -10%, and Middle East and Africa -5%

Lists of Companies Profiled in the Report:

-□Thermo Fisher Scientific, Inc. (US)

-□Agilent Technologies, Inc. (US)

-□Merck KGaA (Germany)

-□Danaher Corporation (US)

-□Waters Corporation (US)

-□Bio-Rad Laboratories, Inc. (US)

-□Bruker Corporation (US)

-□PerkinElmer Inc. (US)

-□Shimadzu Corporation (Japan)

-□Illumina, Inc. (US)

-□Promega Corporation (US)

-□Eurofins Scientific (Luxembourg)

-□QIAGEN N.V. (Germany)

-□Charles River Laboratories (US)

-□Protagene Protein Services (Germany)

-□Creative Proteomics (US)

-□HORIBA Corporation (Japan)

-□Sengenics (Singapore)

-□Biomax Informatics AG (Germany)

-□WuXi NextCode (China)

-□FIOS Genomics (UK)

-□Genewiz (US)

-□Medgenome Labs (India)

-□Biognosys AG (Switzerland)

-□Macrogen Inc. (South Korea)

Research Coverage:

This report provides a detailed picture of the proteomics market. It aims at estimating the size and future growth potential of the market across different segments, such as instrumentation technologies, reagents, software & services, application, end user, and regions. The report also includes an in-depth competitive analysis of the key market players, along with their company profiles,

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recent developments, and key market strategies.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall proteomics market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

- Analysis of key drivers (Increasing demand for personalized medicines for clinical practices, Rising incidences of chronic diseases among geriatric population, Increased investments in research and greater adoption of proteomics in drug discovery, Technological advancements in proteomics), restraints (High costs of proteomics instruments and technologies, Lack of standardization in proteomics workflow among research groups), opportunities (High growth opportunities for proteomics research in emerging countries, Growing prominence of nano proteomics in biological processes), and challenges (Low biomarker discovery to approval ratio in proteomics research, Lack of data management/handling in proteomics research) influencing the growth of proteomics market.
- Product & Service Development/Innovation: Detailed insights on newly launched products, and technological assessment of the proteomics market.
- Market Development: Comprehensive information about lucrative markets - the report analyses the proteomics market across varied regions.
- Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the proteomics market.
- Competitive Assessment: In-depth assessment of market shares, growth strategies, and product & service offerings of leading players like Thermo Fisher Scientific, Inc. (US), Danaher Corporation (US), Merck KGaA (Germany), Agilent Technologies, Inc. (US), and Waters Corporation (US) and among others in the proteomics market.

Table of Contents:

1	INTRODUCTION	70
1.1	STUDY OBJECTIVES	70
1.2	MARKET DEFINITION AND SCOPE	70
1.2.1	INCLUSIONS AND EXCLUSIONS	71
1.2.2	MARKETS COVERED	72
1.2.3	YEARS CONSIDERED	73
1.3	CURRENCY CONSIDERED	73
1.4	STAKEHOLDERS	73
1.5	RESEARCH LIMITATIONS	74
1.6	SUMMARY OF CHANGES	74
1.7	RECESSION IMPACT	75
2	RESEARCH METHODOLOGY	76
2.1	RESEARCH DATA	76
FIGURE 1	RESEARCH DESIGN	76
2.1.1	SECONDARY DATA	77
2.1.2	PRIMARY DATA	78
FIGURE 2	PROTEOMICS MARKET: BREAKDOWN OF PRIMARIES	78
2.2	MARKET SIZE ESTIMATION	79
FIGURE 3	PROTEOMICS MARKET SIZE ESTIMATION (SUPPLY-SIDE ANALYSIS), 2022	79
FIGURE 4	MARKET SIZE ESTIMATION: APPROACH 1 (REVENUE SHARE ANALYSIS), 2022	80

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FIGURE 5	ILLUSTRATIVE EXAMPLE OF THERMO FISHER SCIENTIFIC INC.: REVENUE SHARE ANALYSIS, 2022	80
2.2.1	INSIGHTS FROM PRIMARIES	82
FIGURE 6	MARKET VALIDATION FROM PRIMARY EXPERTS	82
2.2.2	SEGMENT ASSESSMENT (BY PRODUCT, SOFTWARE & SERVICE, AND END USER)	82
FIGURE 7	MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH	82
2.3	GROWTH RATE ASSUMPTIONS	83
FIGURE 8	PROTEOMICS MARKET: CAGR PROJECTIONS, 2023-2028	84
FIGURE 9	PROTEOMICS MARKET: GROWTH ANALYSIS OF DRIVERS, RESTRAINTS, CHALLENGES, AND OPPORTUNITIES	84
2.4	MARKET BREAKDOWN AND DATA TRIANGULATION	85
FIGURE 10	DATA TRIANGULATION METHODOLOGY	85
2.5	STUDY ASSUMPTIONS	86
2.6	RISK ANALYSIS	86
2.7	IMPACT OF ECONOMIC RECESSION ON PROTEOMICS MARKET	86
TABLE 1	GLOBAL INFLATION RATE PROJECTIONS, 2024-2027 (% GROWTH)	87
TABLE 2	US HEALTH EXPENDITURE, 2019-2027 (USD MILLION)	87
TABLE 3	US HEALTH EXPENDITURE, 2023-2027 (USD MILLION)	87
3	EXECUTIVE SUMMARY	88
FIGURE 11	PROTEOMICS MARKET, BY INSTRUMENTATION TECHNOLOGY, 2023 VS. 2028 (USD MILLION)	88
FIGURE 12	PROTEOMICS MARKET, BY REAGENT, 2023 VS. 2028 (USD MILLION)	89
FIGURE 13	PROTEOMICS MARKET, BY SOFTWARE & SERVICE, 2023 VS. 2028 (USD MILLION)	90
FIGURE 14	PROTEOMICS MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)	90
FIGURE 15	PROTEOMICS MARKET, BY END USER, 2023 VS. 2028 (USD MILLION)	91
FIGURE 16	GEOGRAPHICAL SNAPSHOT OF PROTEOMICS MARKET	92
4	PREMIUM INSIGHTS	93
4.1	OVERVIEW OF PROTEOMICS MARKET	93
FIGURE 17	RISING INVESTMENTS IN PHARMACEUTICAL R&D TO DRIVE MARKET	93
4.2	NORTH AMERICA: PROTEOMICS MARKET SHARE, BY APPLICATION AND COUNTRY (2022)	94
FIGURE 18	CLINICAL DIAGNOSTICS ACCOUNTED FOR LARGEST SHARE OF NORTH AMERICAN PROTEOMICS MARKET IN 2022	94
4.3	ELECTROPHORESIS MARKET SHARE, BY TYPE, 2023 VS. 2028 (USD MILLION)	95
FIGURE 19	GEL ELECTROPHORESIS TO DOMINATE MARKET IN 2028	95
4.4	PROTEOMICS MARKET SHARE, BY END USER (2022)	95
FIGURE 20	PHARMACEUTICAL COMPANIES ACCOUNTED FOR LARGEST MARKET SHARE IN 2022	95
4.5	PROTEOMICS MARKET: GEOGRAPHICAL GROWTH OPPORTUNITIES	96
FIGURE 21	ASIA PACIFIC TO REGISTER HIGHEST GROWTH IN PROTEOMICS MARKET DURING STUDY PERIOD	96
5	MARKET OVERVIEW	97
5.1	INTRODUCTION	97
5.2	MARKET DYNAMICS	97
FIGURE 22	PROTEOMICS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	97
TABLE 4	PROTEOMICS MARKET: IMPACT ANALYSIS	98
5.2.1	DRIVERS	98
5.2.1.1	Increasing demand for personalized medicines for clinical practices	98
FIGURE 23	PERSONALIZED MEDICINES APPROVED BY FDA, 2015-2022	99
5.2.1.2	Rising incidences of chronic diseases among geriatric population	100
5.2.1.3	Increased investments in research and greater adoption of proteomics in drug discovery	100
FIGURE 24	GLOBAL SPENDING ON PHARMACEUTICAL R&D, 2015-2028 (USD BILLION)	101
5.2.1.4	Technological advancements in proteomics	101
5.2.2	RESTRAINTS	102

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5.2.2.1	High costs of proteomics instruments and technologies	102
5.2.2.2	Lack of standardization in proteomics workflow among research groups	103
5.2.3	OPPORTUNITIES	103
5.2.3.1	High growth opportunities for proteomics research in emerging countries	103
5.2.3.2	Growing prominence of nano proteomics in biological processes	104
5.2.4	CHALLENGES	105
5.2.4.1	Low biomarker discovery to approval ratio in proteomics research	105
5.2.4.2	Lack of data management/handling in proteomics research	105
5.3	VALUE CHAIN ANALYSIS	106
FIGURE 25	VALUE CHAIN ANALYSIS: MANUFACTURING AND DISTRIBUTION PHASES PROVIDE MAXIMUM VALUE	106
5.4	SUPPLY CHAIN ANALYSIS	107
FIGURE 26	PROTEOMICS MARKET: SUPPLY CHAIN ANALYSIS	107
5.5	ECOSYSTEM ANALYSIS	108
FIGURE 27	ECOSYSTEM ANALYSIS: PROTEOMICS MARKET	108
TABLE 5	PROTEOMICS MARKET: ROLE IN ECOSYSTEM	109
5.6	PORTER'S FIVE FORCES ANALYSIS	109
TABLE 6	PROTEOMICS MARKET: PORTER'S FIVE FORCES ANALYSIS	109
5.6.1	THREAT OF NEW ENTRANTS	109
5.6.2	THREAT OF SUBSTITUTES	110
5.6.3	BARGAINING POWER OF SUPPLIERS	110
5.6.4	BARGAINING POWER OF BUYERS	110
5.6.5	INTENSITY OF COMPETITIVE RIVALRY	110
5.7	PATENT ANALYSIS	111
5.8	PRICING ANALYSIS	111
TABLE 7	AVERAGE SELLING PRICE OF PROTEOMICS PRODUCTS (2022)	111
TABLE 8	PERKINELMER: SELLING PRICE OF VARIOUS PRODUCTS/SERVICES	112
TABLE 9	MERCK: SELLING PRICE OF VARIOUS PRODUCTS/SERVICES	112
5.9	TECHNOLOGY ANALYSIS	113
TABLE 10	COMPARISON OF MODERN PROTEOMICS ANALYSIS METHODS	113
TABLE 11	COMMONLY USED BIOINFORMATICS TOOLS IN PROTEOMICS	114
TABLE 12	TECHNOLOGIES LAUNCHED RECENTLY IN PROTEOMICS	114
5.10	REGULATORY ANALYSIS	115
5.10.1	REGULATIONS FOR PRODUCTS DEVELOPED USING PROTEOMICS TECHNIQUES	115
TABLE 13	KEY REGULATORY GUIDELINES FOR PROTEOMICS PRODUCTS	116
5.10.2	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	116
TABLE 14	NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	116
TABLE 15	EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	117
TABLE 16	ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	117
5.11	KEY CONFERENCES AND EVENTS IN 2023	118
TABLE 17	PROTEOMICS MARKET: DETAILED LIST OF CONFERENCES AND EVENTS IN 2023	118
5.12	KEY STAKEHOLDERS AND BUYING CRITERIA	119
5.12.1	KEY STAKEHOLDERS IN BUYING PROCESS	119
FIGURE 28	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR APPLICATIONS	119
TABLE 18	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR APPLICATIONS	119
5.12.2	BUYING CRITERIA	119
FIGURE 29	KEY BUYING CRITERIA FOR END USERS	119
5.13	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	120

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5.14 TRADE ANALYSIS 120

5.14.1 TRADE ANALYSIS FOR ELECTROPHORESIS AND CHROMATOGRAPHY INSTRUMENTS 120

TABLE 19 IMPORT DATA FOR ELECTROPHORESIS AND CHROMATOGRAPHY INSTRUMENTS, BY COUNTRY, 2017-2021 (USD MILLION) 120

5.14.2 TRADE ANALYSIS FOR DIAGNOSTICS AND LABORATORY REAGENTS 121

TABLE 20 IMPORT DATA FOR DIAGNOSTICS AND CLINICAL REAGENTS, BY COUNTRY, 2017-2021 (USD MILLION) 121

TABLE 21 EXPORT DATA FOR DIAGNOSTICS AND CLINICAL REAGENTS, BY COUNTRY, 2017-2021 (TONS) 121

5.14.3 TRADE ANALYSIS FOR IMMUNOASSAYS 121

TABLE 22 IMPORT DATA FOR HS CODE 902750, BY COUNTRY, 2017-2021 (USD MILLION) 121

6 PROTEOMICS MARKET, BY INSTRUMENTATION TECHNOLOGY 122

6.1 INTRODUCTION 123

6.1.1 PRICING ANALYSIS 123

TABLE 23 AVERAGE SELLING PRICE OF PRODUCTS AND SERVICES, 2022 (USD) 123

TABLE 24 PROTEOMICS MARKET, BY INSTRUMENTATION TECHNOLOGY, 2021-2028 (USD MILLION) 124

6.2 SPECTROSCOPY 124

TABLE 25 PROTEOMICS MARKET FOR SPECTROSCOPY, BY TYPE, 2021-2028 (USD MILLION) 125

TABLE 26 PROTEOMICS MARKET FOR SPECTROSCOPY, BY REGION, 2021-2028 (USD MILLION) 125

TABLE 27 NORTH AMERICA: PROTEOMICS MARKET FOR SPECTROSCOPY, BY COUNTRY, 2021-2028 (USD MILLION) 126

TABLE 28 EUROPE: PROTEOMICS MARKET FOR SPECTROSCOPY, BY COUNTRY, 2021-2028 (USD MILLION) 126

TABLE 29 ASIA PACIFIC: PROTEOMICS MARKET FOR SPECTROSCOPY, BY COUNTRY, 2021-2028 (USD MILLION) 127

TABLE 30 LATIN AMERICA: PROTEOMICS MARKET FOR SPECTROSCOPY, BY COUNTRY, 2021-2028 (USD MILLION) 127

6.2.1 MASS SPECTROSCOPY 128

6.2.1.1 High specificity of mass spectroscopy to boost market 128

TABLE 31 MASS SPECTROSCOPY MARKET, BY REGION, 2021-2028 (USD MILLION) 129

TABLE 32 NORTH AMERICA: MASS SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 129

TABLE 33 EUROPE: MASS SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 130

TABLE 34 ASIA PACIFIC: MASS SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 130

TABLE 35 LATIN AMERICA: MASS SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 131

6.2.2 NMR SPECTROSCOPY 131

6.2.2.1 NMR experiments to evaluate physical, chemical, electronic, and structural information of proteins 131

TABLE 36 NMR SPECTROSCOPY MARKET, BY REGION, 2021-2028 (USD MILLION) 132

TABLE 37 NORTH AMERICA: NMR SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 132

TABLE 38 EUROPE: NMR SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 133

TABLE 39 ASIA PACIFIC: NMR SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 133

TABLE 40 LATIN AMERICA: NMR SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 134

6.2.3 CD SPECTROSCOPY 134

6.2.3.1 CD spectroscopy to examine changes in secondary structures of protein in response to environmental conditions 134

TABLE 41 CD SPECTROSCOPY MARKET, BY REGION, 2021-2028 (USD MILLION) 135

TABLE 42 NORTH AMERICA: CD SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 135

TABLE 43 EUROPE: CD SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 136

TABLE 44 ASIA PACIFIC: CD SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 136

TABLE 45 LATIN AMERICA: CD SPECTROSCOPY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 137

6.3 CHROMATOGRAPHY 137

TABLE 46 PROTEOMICS MARKET FOR CHROMATOGRAPHY, BY TYPE, 2021-2028 (USD MILLION) 138

TABLE 47 PROTEOMICS MARKET FOR CHROMATOGRAPHY, BY REGION, 2021-2028 (USD MILLION) 138

TABLE 48 NORTH AMERICA: PROTEOMICS MARKET FOR CHROMATOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION) 139

TABLE 49 EUROPE: PROTEOMICS MARKET FOR CHROMATOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION) 139

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TABLE 50	ASIA PACIFIC: PROTEOMICS MARKET FOR CHROMATOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION)	140
TABLE 51	LATIN AMERICA: PROTEOMICS MARKET FOR CHROMATOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION)	140
6.3.1	HPLC	141
6.3.1.1	Growing biopharmaceutical industry and increasing investments in life science research	141
TABLE 52	HPLC MARKET, BY REGION, 2021-2028 (USD MILLION)	142
TABLE 53	NORTH AMERICA: HPLC MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	142
TABLE 54	EUROPE: HPLC MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	143
TABLE 55	ASIA PACIFIC: HPLC MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	143
TABLE 56	LATIN AMERICA: HPLC MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	144
6.3.2	ION CHROMATOGRAPHY	144
6.3.2.1	Ion chromatography to be most significant chromatographic technique for separation and purification of proteins	144
TABLE 57	ION CHROMATOGRAPHY MARKET, BY REGION, 2021-2028 (USD MILLION)	145
TABLE 58	NORTH AMERICA: ION CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	145
TABLE 59	EUROPE: ION CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	146
TABLE 60	ASIA PACIFIC: ION CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	146
TABLE 61	LATIN AMERICA: ION CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	147
6.3.3	AFFINITY CHROMATOGRAPHY	147
6.3.3.1	Affinity chromatography to quantify protein expression using isotope-coded affinity tags	147
TABLE 62	AFFINITY CHROMATOGRAPHY MARKET, BY REGION, 2021-2028 (USD MILLION)	148
TABLE 63	NORTH AMERICA: AFFINITY CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	148
TABLE 64	EUROPE: AFFINITY CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	149
TABLE 65	ASIA PACIFIC: AFFINITY CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	149
TABLE 66	LATIN AMERICA: AFFINITY CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	150
6.3.4	SUPERCritical FLUID CHROMATOGRAPHY	150
6.3.4.1	Supercritical fluid chromatography to separate complex protein mixtures with high efficiency and speed	150
TABLE 67	SUPERCritical FLUID CHROMATOGRAPHY MARKET, BY REGION, 2021-2028 (USD MILLION)	151
TABLE 68	NORTH AMERICA: SUPERCritical FLUID CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	151
TABLE 69	EUROPE: SUPERCritical FLUID CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	152
TABLE 70	ASIA PACIFIC: SUPERCritical FLUID CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	152
TABLE 71	LATIN AMERICA: SUPERCritical FLUID CHROMATOGRAPHY MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	153
6.4	ELECTROPHORESIS	153
TABLE 72	PROTEOMICS MARKET FOR ELECTROPHORESIS, BY TYPE, 2021-2028 (USD MILLION)	154
TABLE 73	PROTEOMICS MARKET FOR ELECTROPHORESIS, BY REGION, 2021-2028 (USD MILLION)	154
TABLE 74	NORTH AMERICA: PROTEOMICS MARKET FOR ELECTROPHORESIS, BY COUNTRY, 2021-2028 (USD MILLION)	155
TABLE 75	EUROPE: PROTEOMICS MARKET FOR ELECTROPHORESIS, BY COUNTRY, 2021-2028 (USD MILLION)	155
TABLE 76	ASIA PACIFIC: PROTEOMICS MARKET FOR ELECTROPHORESIS, BY COUNTRY, 2021-2028 (USD MILLION)	156
TABLE 77	LATIN AMERICA: PROTEOMICS MARKET FOR ELECTROPHORESIS, BY COUNTRY, 2021-2028 (USD MILLION)	156
6.4.1	GEL ELECTROPHORESIS	157
6.4.1.1	Increasing demand for gel electrophoresis in proteomics research and personalized medicine	157
TABLE 78	GEL ELECTROPHORESIS MARKET, BY REGION, 2021-2028 (USD MILLION)	157
TABLE 79	NORTH AMERICA: GEL ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	158
TABLE 80	EUROPE: GEL ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	158
TABLE 81	ASIA PACIFIC: GEL ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	159
TABLE 82	LATIN AMERICA: GEL ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	159
6.4.2	CAPILLARY ELECTROPHORESIS	160
6.4.2.1	Rise in applications of capillary electrophoresis in therapeutics and drug discovery	160
TABLE 83	CAPILLARY ELECTROPHORESIS MARKET, BY REGION, 2021-2028 (USD MILLION)	161

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TABLE 84 NORTH AMERICA: CAPILLARY ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 161

TABLE 85 EUROPE: CAPILLARY ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 162

TABLE 86 ASIA PACIFIC: CAPILLARY ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 162

TABLE 87 LATIN AMERICA: CAPILLARY ELECTROPHORESIS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 163

6.5 PROTEIN MICROARRAYS 163

TABLE 88 PROTEOMICS MARKET FOR PROTEIN MICROARRAYS, BY TYPE, 2021-2028 (USD MILLION) 164

TABLE 89 PROTEOMICS MARKET FOR PROTEIN MICROARRAYS, BY REGION, 2021-2028 (USD MILLION) 164

TABLE 90 NORTH AMERICA: PROTEOMICS MARKET FOR PROTEIN MICROARRAYS, BY COUNTRY, 2021-2028 (USD MILLION) 165

TABLE 91 EUROPE: PROTEOMICS MARKET FOR PROTEIN MICROARRAYS, BY COUNTRY, 2021-2028 (USD MILLION) 165

TABLE 92 ASIA PACIFIC: PROTEOMICS MARKET FOR PROTEIN MICROARRAYS, BY COUNTRY, 2021-2028 (USD MILLION) 166

TABLE 93 LATIN AMERICA: PROTEOMICS MARKET FOR PROTEIN MICROARRAYS, BY COUNTRY, 2021-2028 (USD MILLION) 166

6.5.1 BIOCHIPS 166

TABLE 94 BIOCHIPS MARKET, BY TYPE, 2021-2028 (USD MILLION) 167

TABLE 95 BIOCHIPS MARKET, BY REGION, 2021-2028 (USD MILLION) 167

TABLE 96 NORTH AMERICA: BIOCHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 168

TABLE 97 EUROPE: BIOCHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 168

TABLE 98 ASIA PACIFIC: BIOCHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 169

TABLE 99 LATIN AMERICA: BIOCHIPS MARKET, BY REGION, 2021-2028 (USD MILLION) 169

6.5.1.1 Lab-on-chips 169

6.5.1.1.1 Rising applications of lab-on-chips in microfabrication and nanotechnology development 169

TABLE 100 LAB-ON-CHIPS MARKET, BY REGION, 2021-2028 (USD MILLION) 170

TABLE 101 NORTH AMERICA: LAB-ON-CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 171

TABLE 102 EUROPE: LAB-ON-CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 171

TABLE 103 ASIA PACIFIC: LAB-ON-CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 172

TABLE 104 LATIN AMERICA: LAB-ON-CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 172

6.5.1.2 Protein chips 173

6.5.1.2.1 Competitive advantage over conventional protein analysis tools 173

TABLE 105 PROTEIN CHIPS MARKET, BY REGION, 2021-2028 (USD MILLION) 174

TABLE 106 NORTH AMERICA: PROTEIN CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 174

TABLE 107 EUROPE: PROTEIN CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 175

TABLE 108 ASIA PACIFIC: PROTEIN CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 175

TABLE 109 LATIN AMERICA: PROTEIN CHIPS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 176

6.5.2 MICROARRAY INSTRUMENTS 176

TABLE 110 MICROARRAY INSTRUMENTS MARKET, BY TYPE, 2021-2028 (USD MILLION) 177

TABLE 111 MICROARRAY INSTRUMENTS MARKET, BY REGION, 2021-2028 (USD MILLION) 177

TABLE 112 NORTH AMERICA: MICROARRAY INSTRUMENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 178

TABLE 113 EUROPE: MICROARRAY INSTRUMENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 178

TABLE 114 ASIA PACIFIC: MICROARRAY INSTRUMENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 179

TABLE 115 LATIN AMERICA: MICROARRAY INSTRUMENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 179

6.5.2.1 Integrated systems 180

6.5.2.1.1 Integrated systems to enable high-throughput and reproducible analysis of large numbers of proteins 180

TABLE 116 INTEGRATED SYSTEMS MARKET, BY REGION, 2021-2028 (USD MILLION) 180

TABLE 117 NORTH AMERICA: INTEGRATED SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 181

TABLE 118 EUROPE: INTEGRATED SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 181

TABLE 119 ASIA PACIFIC: INTEGRATED SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 182

TABLE 120 LATIN AMERICA: INTEGRATED SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 182

6.5.2.2 Microarray scanners 183

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6.5.2.2.1	Microarray scanners to provide high-quality analysis and cost efficiency	183
TABLE 121	MICROARRAY SCANNERS MARKET, BY REGION, 2021-2028 (USD MILLION)	183
TABLE 122	NORTH AMERICA: MICROARRAY SCANNERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	184
TABLE 123	EUROPE: MICROARRAY SCANNERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	184
TABLE 124	ASIA PACIFIC: MICROARRAY SCANNERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	185
TABLE 125	LATIN AMERICA: MICROARRAY SCANNERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	185
6.5.2.3	Arrayers	186
6.5.2.3.1	Technological advancements to make microarray spotters ideal for large-scale arraying projects	186
TABLE 126	ARRAYERS MARKET, BY REGION, 2021-2028 (USD MILLION)	186
TABLE 127	NORTH AMERICA: ARRAYERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	186
TABLE 128	EUROPE: ARRAYERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	187
TABLE 129	ASIA PACIFIC: ARRAYERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	187
TABLE 130	LATIN AMERICA: ARRAYERS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	188
6.6	X-RAY CRYSTALLOGRAPHY	188
6.6.1	INCREASED NEED FOR HIGH-RESOLUTION INFORMATION ON PROTEIN STRUCTURES WITH X-RAY CRYSTALLOGRAPHY TO AID MARKET	188
TABLE 131	PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY, BY REGION, 2021-2028 (USD MILLION)	189
TABLE 132	NORTH AMERICA: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION)	189
TABLE 133	EUROPE: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION)	190
TABLE 134	ASIA PACIFIC: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION)	190
TABLE 135	LATIN AMERICA: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY, BY COUNTRY, 2021-2028 (USD MILLION)	191
6.7	SURFACE PLASMON RESONANCE	191
6.7.1	ABILITY TO MEASURE BINDING AFFINITIES AND KINETICS OF COMPLEXES TO PROPEL MARKET	191
TABLE 136	PROTEOMICS MARKET FOR SURFACE PLASMON RESONANCE, BY REGION, 2021-2028 (USD MILLION)	192
TABLE 137	NORTH AMERICA: PROTEOMICS MARKET FOR SURFACE PLASMON RESONANCE, BY COUNTRY, 2021-2028 (USD MILLION)	192
TABLE 138	EUROPE: PROTEOMICS MARKET FOR SURFACE PLASMON RESONANCE, BY COUNTRY, 2021-2028 (USD MILLION)	193
TABLE 139	ASIA PACIFIC: PROTEOMICS MARKET FOR SURFACE PLASMON RESONANCE, BY COUNTRY, 2021-2028 (USD MILLION)	193
TABLE 140	LATIN AMERICA: PROTEOMICS MARKET FOR SURFACE PLASMON RESONANCE, BY COUNTRY, 2021-2028 (USD MILLION)	194
6.8	PROTEIN FRACTIONATION	194
6.8.1	PROTEIN FRACTIONATION TO ENABLE EFFECTIVE SEPARATION OF THOUSANDS OF PROTEINS IN COMPLEX MIXTURES	194
TABLE 141	PROTEOMICS MARKET FOR PROTEIN FRACTIONATION, BY REGION, 2021-2028 (USD MILLION)	195
TABLE 142	NORTH AMERICA: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION, BY COUNTRY, 2021-2028 (USD MILLION)	195
TABLE 143	EUROPE: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION, BY COUNTRY, 2021-2028 (USD MILLION)	196
TABLE 144	ASIA PACIFIC: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION, BY COUNTRY, 2021-2028 (USD MILLION)	196
TABLE 145	LATIN AMERICA: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION, BY COUNTRY, 2021-2028 (USD MILLION)	197
6.9	OTHER TECHNOLOGIES	197
TABLE 146	PROTEOMICS MARKET FOR OTHER TECHNOLOGIES, BY REGION, 2021-2028 (USD MILLION)	198
TABLE 147	NORTH AMERICA: PROTEOMICS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	198
TABLE 148	EUROPE: PROTEOMICS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	199
TABLE 149	ASIA PACIFIC: PROTEOMICS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	199
TABLE 150	LATIN AMERICA: PROTEOMICS MARKET FOR OTHER TECHNOLOGIES, BY COUNTRY, 2021-2028 (USD MILLION)	200
7	PROTEOMICS MARKET, BY REAGENT	201
7.1	INTRODUCTION	202
TABLE 151	PROTEOMICS MARKET, BY REAGENT, 2021-2028 (USD MILLION)	202
7.2	IMMUNOASSAY REAGENTS	202

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7.2.1 IMMUNOASSAY REAGENTS TO DOMINATE PROTEOMICS MARKET DURING FORECAST PERIOD 202
TABLE 152 PROTEOMICS MARKET FOR IMMUNOASSAY REAGENTS, BY REGION, 2021-2028 (USD MILLION) 204
TABLE 153 NORTH AMERICA: PROTEOMICS MARKET FOR IMMUNOASSAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 204
TABLE 154 EUROPE: PROTEOMICS MARKET FOR IMMUNOASSAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 205
TABLE 155 ASIA PACIFIC: PROTEOMICS MARKET FOR IMMUNOASSAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 205
TABLE 156 LATIN AMERICA: PROTEOMICS MARKET FOR IMMUNOASSAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 206
7.3 SPECTROSCOPY REAGENTS 206
7.3.1 INCREASED ADOPTION OF MS-BASED APPROACHES IN PROTEOMICS TO DRIVE MARKET 206
TABLE 157 PROTEOMICS MARKET FOR SPECTROSCOPY REAGENTS, BY REGION, 2021-2028 (USD MILLION) 207
TABLE 158 NORTH AMERICA: PROTEOMICS MARKET FOR SPECTROSCOPY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 207
TABLE 159 EUROPE: PROTEOMICS MARKET FOR SPECTROSCOPY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 208
TABLE 160 ASIA PACIFIC: PROTEOMICS MARKET FOR SPECTROSCOPY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 208
TABLE 161 LATIN AMERICA: PROTEOMICS MARKET FOR SPECTROSCOPY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 209
7.4 CHROMATOGRAPHY REAGENTS 209
7.4.1 INCREASING DEMAND FOR PROTEIN PURIFICATION TO AID MARKET 209
TABLE 162 PROTEOMICS MARKET FOR CHROMATOGRAPHY REAGENTS, BY REGION, 2021-2028 (USD MILLION) 210
TABLE 163 NORTH AMERICA: PROTEOMICS MARKET FOR CHROMATOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 210
TABLE 164 EUROPE: PROTEOMICS MARKET FOR CHROMATOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 211
TABLE 165 ASIA PACIFIC: PROTEOMICS MARKET FOR CHROMATOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 211
TABLE 166 LATIN AMERICA: PROTEOMICS MARKET FOR CHROMATOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 212
7.5 PROTEIN MICROARRAY REAGENTS 212
7.5.1 INCREASED FOCUS ON ANALYZING PROTEIN INTERACTIONS TO INCREASE USE OF PROTEIN MICROARRAY REAGENTS 212
TABLE 167 PROTEOMICS MARKET FOR PROTEIN MICROARRAY REAGENTS, BY REGION, 2021-2028 (USD MILLION) 213
TABLE 168 NORTH AMERICA: PROTEOMICS MARKET FOR PROTEIN MICROARRAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 213
TABLE 169 EUROPE: PROTEOMICS MARKET FOR PROTEIN MICROARRAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 214
TABLE 170 ASIA PACIFIC: PROTEOMICS MARKET FOR PROTEIN MICROARRAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 214
TABLE 171 LATIN AMERICA: PROTEOMICS MARKET FOR PROTEIN MICROARRAY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 215
7.6 X-RAY CRYSTALLOGRAPHY REAGENTS 215
7.6.1 X-RAY CRYSTALLOGRAPHY TO BE ESSENTIAL IN PROTEIN STRUCTURE DETERMINATION 215
TABLE 172 PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY REAGENTS, BY REGION, 2021-2028 (USD MILLION) 216
TABLE 173 NORTH AMERICA: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 216
TABLE 174 EUROPE: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 217
TABLE 175 ASIA PACIFIC: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 217
TABLE 176 LATIN AMERICA: PROTEOMICS MARKET FOR X-RAY CRYSTALLOGRAPHY REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 218
7.7 ELECTROPHORESIS REAGENTS 218
7.7.1 INCREASING DEMAND FOR 2D ELECTROPHORESIS TO PROPEL MARKET 218
TABLE 177 PROTEOMICS MARKET FOR ELECTROPHORESIS REAGENTS, BY REGION, 2021-2028 (USD MILLION) 219
TABLE 178 NORTH AMERICA: PROTEOMICS MARKET FOR ELECTROPHORESIS REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) 219

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TABLE 179 □ EUROPE: PROTEOMICS MARKET FOR ELECTROPHORESIS REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 220

TABLE 180 □ ASIA PACIFIC: PROTEOMICS MARKET FOR ELECTROPHORESIS REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 220

TABLE 181 □ LATIN AMERICA: PROTEOMICS MARKET FOR ELECTROPHORESIS REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 221

7.8 □ PROTEIN FRACTIONATION REAGENTS □ 221

7.8.1 □ INCREASING NEED FOR PROTEIN SEPARATION FROM COMPLEX MIXTURES TO AUGMENT MARKET □ 221

TABLE 182 □ PROTEOMICS MARKET FOR PROTEIN FRACTIONATION REAGENTS, BY REGION, 2021-2028 (USD MILLION) □ 222

TABLE 183 □ NORTH AMERICA: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 222

TABLE 184 □ EUROPE: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 223

TABLE 185 □ ASIA PACIFIC: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 223

TABLE 186 □ LATIN AMERICA: PROTEOMICS MARKET FOR PROTEIN FRACTIONATION REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 224

7.9 □ OTHER REAGENTS □ 224

TABLE 187 □ PROTEOMICS MARKET FOR OTHER REAGENTS, BY REGION, 2021-2028 (USD MILLION) □ 225

TABLE 188 □ NORTH AMERICA: PROTEOMICS MARKET FOR OTHER REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 225

TABLE 189 □ EUROPE: PROTEOMICS MARKET FOR OTHER REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 226

TABLE 190 □ ASIA PACIFIC: PROTEOMICS MARKET FOR OTHER REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 226

TABLE 191 □ LATIN AMERICA: PROTEOMICS MARKET FOR OTHER REAGENTS, BY COUNTRY, 2021-2028 (USD MILLION) □ 227

8 □ PROTEOMICS MARKET, BY SERVICE & SOFTWARE □ 228

8.1 □ INTRODUCTION □ 229

TABLE 192 □ PROTEOMICS MARKET, BY SOFTWARE & SERVICE, 2021-2028 (USD MILLION) □ 229

8.2 □ CORE PROTEOMICS SERVICES □ 229

TABLE 193 □ PROTEOMICS MARKET FOR CORE PROTEOMICS SERVICES, BY TYPE, 2021-2028 (USD MILLION) □ 230

TABLE 194 □ PROTEOMICS MARKET FOR CORE PROTEOMICS SERVICES, BY REGION, 2021-2028 (USD MILLION) □ 230

TABLE 195 □ NORTH AMERICA: PROTEOMICS MARKET FOR CORE PROTEOMICS SERVICES, BY COUNTRY, 2021-2028 (USD MILLION) □ 231

TABLE 196 □ EUROPE: PROTEOMICS MARKET FOR CORE PROTEOMICS SERVICES, BY COUNTRY, 2021-2028 (USD MILLION) □ 231

TABLE 197 □ ASIA PACIFIC: PROTEOMICS MARKET FOR CORE PROTEOMICS SERVICES, BY COUNTRY, 2021-2028 (USD MILLION) □ 232

TABLE 198 □ LATIN AMERICA: PROTEOMICS MARKET FOR CORE PROTEOMICS SERVICES, BY COUNTRY, 2021-2028 (USD MILLION) □ 232

8.2.1 □ PROTEIN IDENTIFICATION SERVICES □ 232

8.2.1.1 □ Rising demand for molecular weight analysis to boost market growth □ 232

TABLE 199 □ PROTEIN IDENTIFICATION SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION) □ 234

TABLE 200 □ NORTH AMERICA: PROTEIN IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □ 234

TABLE 201 □ EUROPE: PROTEIN IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □ 235

TABLE 202 □ ASIA PACIFIC: PROTEIN IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □ 235

TABLE 203 □ LATIN AMERICA: PROTEIN IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □ 236

8.2.2 □ PROTEIN CHARACTERIZATION SERVICES □ 236

8.2.2.1 □ Increased focus on study of complex protein structure, drug development, and PTMs to drive segment □ 236

TABLE 204 □ PROTEIN CHARACTERIZATION SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION) □ 237

TABLE 205 □ NORTH AMERICA: PROTEIN CHARACTERIZATION SERVICES MARKET, BY COUNTRY 2021-2028 (USD MILLION) □ 237

TABLE 206 □ EUROPE: PROTEIN CHARACTERIZATION SERVICES MARKET, BY COUNTRY 2021-2028 (USD MILLION) □ 238

TABLE 207 □ ASIA PACIFIC: PROTEIN CHARACTERIZATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □ 238

TABLE 208 □ LATIN AMERICA: PROTEIN CHARACTERIZATION SERVICES MARKET, BY COUNTRY 2021-2028 (USD MILLION) □ 239

8.2.3 □ QUANTITATIVE PROTEOMICS SERVICES □ 239

8.2.3.1 □ Quantitative proteomics to be critical for understanding protein expression and modifications □ 239

TABLE 209 □ QUANTITATIVE PROTEOMICS SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION) □ 240

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TABLE 210	NORTH AMERICA: QUANTITATIVE PROTEOMICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	241
TABLE 211	EUROPE: QUANTITATIVE PROTEOMICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	241
TABLE 212	ASIA PACIFIC: QUANTITATIVE PROTEOMICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	242
TABLE 213	LATIN AMERICA: QUANTITATIVE PROTEOMICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	242
8.2.4	PROTEIN PURIFICATION SERVICES	242
8.2.4.1	Protein purification services to improve overall proteome analysis	242
TABLE 214	PROTEIN PURIFICATION SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION)	243
TABLE 215	NORTH AMERICA: PROTEIN PURIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	244
TABLE 216	EUROPE: PROTEIN PURIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	244
TABLE 217	ASIA PACIFIC: PROTEIN PURIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	245
TABLE 218	LATIN AMERICA: PROTEIN PURIFICATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	245
8.2.5	PROTEIN SEPARATION SERVICES	245
8.2.5.1	Protein separation services to characterize large-sized proteomes of different sizes	245
TABLE 219	PROTEIN SEPARATION SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION)	246
TABLE 220	NORTH AMERICA: PROTEIN SEPARATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	247
TABLE 221	EUROPE: PROTEIN SEPARATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	247
TABLE 222	ASIA PACIFIC: PROTEIN SEPARATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	248
TABLE 223	LATIN AMERICA: PROTEIN SEPARATION SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	248
8.2.6	PROTEIN SEQUENCING SERVICES	248
8.2.6.1	Identification and characterization of post-translational modifications to determine characterizations of proteins	248
TABLE 224	PROTEIN SEQUENCING SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION)	250
TABLE 225	NORTH AMERICA: PROTEIN SEQUENCING SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	250
TABLE 226	EUROPE: PROTEIN SEQUENCING SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	251
TABLE 227	ASIA PACIFIC: PROTEIN SEQUENCING SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	251
TABLE 228	LATIN AMERICA: PROTEIN SEQUENCING SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	252
8.2.7	CUSTOM ASSAY SERVICES	252
8.2.7.1	Custom assays to improve validation or consistency of protein analysis procedures	252
TABLE 229	CUSTOM ASSAY SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION)	253
TABLE 230	NORTH AMERICA: CUSTOM ASSAY SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	253
TABLE 231	EUROPE: CUSTOM ASSAY SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	254
TABLE 232	ASIA PACIFIC: CUSTOM ASSAY SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	254
TABLE 233	LATIN AMERICA: CUSTOM ASSAY SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	255
8.3	BIOINFORMATICS SOFTWARE & SERVICES	255
TABLE 234	PROTEOMICS MARKET FOR BIOINFORMATICS SOFTWARE & SERVICES, BY TYPE, 2021-2028 (USD MILLION)	256
8.3.1	BIOINFORMATICS SERVICES	256
8.3.1.1	Bioinformatics services to dominate proteomics market during study period	256
TABLE 235	BIOINFORMATICS SERVICES MARKET, BY REGION, 2021-2028 (USD MILLION)	257
TABLE 236	NORTH AMERICA: BIOINFORMATICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	257
TABLE 237	EUROPE: BIOINFORMATICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	258
TABLE 238	ASIA PACIFIC: BIOINFORMATICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	258
TABLE 239	LATIN AMERICA: BIOINFORMATICS SERVICES MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	259
8.3.2	BIOINFORMATICS TOOLS	259
8.3.2.1	Increased need for data management to drive segment	259
TABLE 240	BIOINFORMATICS TOOLS MARKET, BY REGION, 2021-2028 (USD MILLION)	260
TABLE 241	NORTH AMERICA: BIOINFORMATICS TOOLS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	260
TABLE 242	EUROPE: BIOINFORMATICS TOOLS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	261
TABLE 243	ASIA PACIFIC: BIOINFORMATICS TOOLS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	261

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Proteomics Market by Product (Spectroscopy, Chromatography, Electrophoresis, X-Ray Crystallography), Reagent, Service, (Core Proteomics, Bioinformatics), Application (Diagnostic, Drug Discovery), End User (Hospital, Labs, Biopharma) - Global Forecasts to 2028

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