

**Antimicrobial Susceptibility Testing Market by Product (Manual, Automated), Type (Antibacterial, Antifungal), Application (Clinical Diagnostics), Method (Etest, Disk Diffusion, Agar Diffusion, Genotyping), End User & Region - Global Forecasts to 2027**

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**Report description:**

The Antimicrobial Susceptibility Testing market is projected to reach USD 4.7 billion by 2027 from USD 3.6 billion in 2022, at a CAGR of 5.5% during the forecast period. The significant growth of the antimicrobial susceptibility testing market is largely due to the overuse and misuse of antibiotics, which resurges microbial resistances (AMR), and the increased use of antimicrobial susceptibility testing by biopharmaceutical, biotechnological, and pharmaceutical companies.

"The automated laboratory instruments to hold the largest share of the market in 2022"

Automated laboratory instruments holds the largest market share in 2022. Automated identification and susceptibility systems are more expensive than manual conventional ones but offer the advantage of quicker findings. Although automated methods are more efficient and of higher quality, some bacteria and antimicrobial agents have specific technological limitations.

"The Antibacterial infections is holding the largest share of the market in 2022"

Based on type, the antimicrobial susceptibility testing market is classified into antibacterial susceptibility testing, antifungal susceptibility testing, antiparasitic susceptibility testing and other susceptibility testing. The large share of this segment is attributed to the presence of regulatory guidelines to streamline the process of antibacterial susceptibility testing, technological advancements in this segment, and the rising burden of antibacterial resistance in developing and developed countries.

"The market in North America region is expected to witness the highest growth during the forecast period."

North America accounted for the largest market share-35.4%-in 2022. The increasing R&D to develop novel automated AST systems, rising prevalence of infectious diseases, growing safety concerns, and technological advancements in antimicrobial

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susceptibility testing products are the key factors supporting market growth in North America

While the APAC is expected to witness significant growth in the coming years. The antimicrobial susceptibility testing market in the APAC region is expected to register a CAGR of 6.7% during the forecast period, primarily due to the growing number of hospitals in Asian countries and favorable government initiatives.

A breakdown of the primary participants referred to for this report is provided below:

- By Company Type: Tier 1-40%, Tier 2-30%, and Tier 3- 30%

- By Designation: C-level-27%, Director-level-18%, and Others-55%

- By Region: North America-35.3%, Europe-20%, Asia Pacific-15%, Latin America-10%, and the Middle East & Africa-5%

The prominent player in Antimicrobial susceptibility testing are bioMérieux SA (France), Becton, Dickinson and Company (US), Thermo Fisher Scientific (US), Danaher Corporation (US), Bio-Rad Laboratories, Inc. (US)

## Research Coverage

This report studies the Antimicrobial susceptibility testing market based on product, design, end user and region. It also covers the factors affecting market growth, analyzes the various opportunities and challenges in the market, and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micro markets with respect to their individual growth trends and forecasts the revenue of the market segments with respect to five main regions (and the respective countries in these regions).

## Reasons to Buy the Report

The report will enable established and entrants/smaller firms to gauge the market's pulse, which, in turn, would help them garner a larger market share. Firms purchasing the report could use one or a combination of the below-mentioned strategies for strengthening their market presence.

This report provides insights on the following pointers:

- Market Penetration: Comprehensive information on the product portfolios offered by the top players in the microcatheter market.

- Product Development/Innovation: Detailed insights on the upcoming trends, R&D activities, and product launches in the microcatheter market..

- Market Development: Comprehensive information on lucrative emerging regions

- Market Diversification: Exhaustive information about new products, growing geographies, and recent developments in the microcatheter market.

- Competitive Assessment: In-depth assessment of market segments, growth strategies, revenue analysis, and products of the leading market players.

## Table of Contents:

1 INTRODUCTION	29
1.1 STUDY OBJECTIVES	29
1.2 MARKET DEFINITION	29
1.2.1 INCLUSIONS AND EXCLUSIONS	30
1.3 MARKET SCOPE	30
1.3.1 MARKETS COVERED	30
1.3.2 REGIONS COVERED	31
1.3.3 YEARS CONSIDERED	31
1.4 CURRENCY CONSIDERED	31
1.5 STAKEHOLDERS	32

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1.6	SUMMARY OF CHANGES	32
2	RESEARCH METHODOLOGY	34
2.1	RESEARCH DATA	34
FIGURE 1	RESEARCH DESIGN: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET	34
2.1.1	SECONDARY DATA	35
2.1.1.1	Key data from secondary sources	35
2.1.2	PRIMARY DATA	36
FIGURE 2	PRIMARY SOURCES	37
2.1.2.1	Key data from primary sources	38
2.1.2.2	Insights from primary experts	39
2.1.2.3	Breakdown of primaries	39
FIGURE 3	BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION	40
2.2	MARKET SIZE ESTIMATION	40
FIGURE 4	MARKET SIZE ESTIMATION: REVENUE SHARE ANALYSIS	41
FIGURE 5	TOP-DOWN APPROACH	42
FIGURE 6	MARKET SIZE ESTIMATION: SUPPLY-SIDE ANALYSIS	42
2.3	MARKET BREAKDOWN AND DATA TRIANGULATION	44
FIGURE 7	DATA TRIANGULATION METHODOLOGY	44
2.4	MARKET SHARE ESTIMATION	45
2.5	RESEARCH ASSUMPTIONS	45
2.6	LIMITATIONS	45
2.6.1	METHODOLOGY-RELATED LIMITATIONS	45
2.7	RISK ASSESSMENT	46
TABLE 1	LIMITATIONS AND ASSOCIATED RISKS	46
2.8	IMPACT OF RECESSION ON ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET	46
?		
3	EXECUTIVE SUMMARY	47
FIGURE 8	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2022 VS. 2027 (USD MILLION)	47
FIGURE 9	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET SHARE, BY TYPE, 2022 VS. 2027	48
FIGURE 10	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2022 VS. 2027 (USD MILLION)	49
FIGURE 11	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2022 VS. 2027 (USD MILLION)	50
FIGURE 12	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET SHARE, BY END USER, 2022 VS. 2027	50
FIGURE 13	GEOGRAPHICAL SNAPSHOT OF ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET	51
4	PREMIUM INSIGHTS	52
4.1	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET OVERVIEW	52
FIGURE 14	TECHNOLOGICAL ADVANCEMENTS AND RISING INCIDENCE OF INFECTIOUS DISEASES TO DRIVE MARKET GROWTH	52
4.2	MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2022 VS. 2027 (USD MILLION)	53
FIGURE 15	SUSCEPTIBILITY TESTING DISKS SEGMENT TO DOMINATE MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET	53
4.3	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY COUNTRY AND TYPE	54
FIGURE 16	ANTIBACTERIAL SUSCEPTIBILITY TESTING SEGMENT TO DOMINATE NORTH AMERICAN MARKET	54
4.4	GEOGRAPHIC SNAPSHOT: KEY GROWTH OPPORTUNITIES IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET	55
FIGURE 17	CHINA TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD	55
5	MARKET OVERVIEW	56
5.1	INTRODUCTION	56
5.2	MARKET DYNAMICS	56
FIGURE 18	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	56

5.2.1	DRIVERS	57
5.2.1.1	Rising incidence of infectious diseases coupled with epidemic and pandemic events	57
5.2.1.2	Increasing funding, research grants, and public-private investments	58
5.2.1.3	Technological advancements	59
5.2.1.4	Growing government initiatives to detect and control antimicrobial-resistant species	61
5.2.1.5	Emergence of multidrug resistance due to drug abuse	62
5.2.2	RESTRAINTS	62
5.2.2.1	High cost of automated ID/AST systems	62
5.2.3	OPPORTUNITIES	63
5.2.3.1	Growth opportunities in emerging markets	63
5.2.4	CHALLENGES	63
5.2.4.1	Complex regulatory frameworks	63
5.3	PORTER'S FIVE FORCES ANALYSIS	64
5.3.1	OVERVIEW	64
TABLE 2	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: PORTER'S FIVE FORCES ANALYSIS	64
5.3.2	THREAT OF NEW ENTRANTS	64
5.3.3	THREAT OF SUBSTITUTES	64
5.3.4	BARGAINING POWER OF SUPPLIERS	64
5.3.5	BARGAINING POWER OF BUYERS	65
5.3.6	INTENSITY OF COMPETITIVE RIVALRY	65
5.4	REGULATORY ANALYSIS	65
5.4.1	NORTH AMERICA	65
5.4.1.1	US	65
TABLE 3	US FDA: MEDICAL DEVICE CLASSIFICATION	65
TABLE 4	US: MEDICAL DEVICE REGULATORY APPROVAL PROCESS	66
5.4.1.2	Canada	66
TABLE 5	CANADA: MEDICAL DEVICE REGULATORY APPROVAL PROCESS	66
5.4.2	EUROPE	67
5.4.3	ASIA PACIFIC	67
5.4.3.1	Japan	67
TABLE 6	JAPAN: MEDICAL DEVICE CLASSIFICATION UNDER PHARMACEUTICALS AND MEDICAL DEVICES AGENCY	68
5.4.3.2	China	68
TABLE 7	CHINA: CLASSIFICATION OF MEDICAL DEVICES	68
5.4.3.3	India	69
5.5	ECOSYSTEM ANALYSIS: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET	70
FIGURE 19	ECOSYSTEM COVERAGE	70
5.6	VALUE CHAIN ANALYSIS	70
5.6.1	RESEARCH & DEVELOPMENT	71
5.6.2	MANUFACTURING AND ASSEMBLY	71
5.6.3	DISTRIBUTION, MARKETING AND SALES, AND POST-SALES SERVICES	71
FIGURE 20	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: VALUE CHAIN ANALYSIS	71
5.7	SUPPLY CHAIN ANALYSIS	72
5.7.1	PROMINENT COMPANIES	72
5.7.2	SMALL AND MEDIUM-SIZED ENTERPRISES	72
FIGURE 21	SUPPLY CHAIN ANALYSIS	72
5.8	KEY CONFERENCES AND EVENTS IN 2023-2024	72

## TABLE 8 □ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: DETAILED LIST OF MAJOR CONFERENCES AND EVENTS □72

?

### 5.9 □KEY STAKEHOLDERS AND BUYING CRITERIA □73

#### 5.9.1 □KEY STAKEHOLDERS IN BUYING PROCESS □73

#### FIGURE 22 □INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS □73

#### TABLE 9 □INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS □73

#### 5.9.2 □BUYING CRITERIA □74

#### FIGURE 23 □KEY BUYING CRITERIA FOR ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS □74

#### TABLE 10 □KEY BUYING CRITERIA FOR ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS □74

#### 5.10 □PATENT ANALYSIS □75

#### FIGURE 24 □TOP 10 PATENT APPLICANTS □75

#### FIGURE 25 □TOP 10 PATENT OWNERS □76

## 6 □ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT □77

### 6.1 □INTRODUCTION □78

#### TABLE 11 □ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) □78

### 6.2 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS □78

#### TABLE 12 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) □79

#### TABLE 13 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY REGION, 2020-2027 (USD MILLION) □79

#### 6.2.1 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE □80

#### TABLE 14 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) □80

#### 6.2.2 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY APPLICATION □80

#### TABLE 15 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY APPLICATION, 2020-2027 (USD MILLION) □80

#### 6.2.3 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY METHOD □81

#### TABLE 16 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY METHOD, 2020-2027 (USD MILLION) □81

#### 6.2.4 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY END USER □81

#### TABLE 17 □MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY END USER, 2020-2027 (USD MILLION) □81

#### 6.2.5 □SUSCEPTIBILITY TESTING DISKS □82

#### 6.2.5.1 □Significant adoption of disk diffusion tests in emerging countries to support segment growth □82

#### TABLE 18 □SUSCEPTIBILITY TESTING DISKS MARKET, BY REGION, 2020-2027 (USD MILLION) □82

#### 6.2.5.2 □Susceptibility testing disks market, by type □83

#### TABLE 19 □SUSCEPTIBILITY TESTING DISKS MARKET, BY TYPE, 2020-2027 (USD MILLION) □83

#### 6.2.5.3 □Susceptibility testing disks market, by application □83

#### TABLE 20 □SUSCEPTIBILITY TESTING DISKS MARKET, BY APPLICATION, 2020-2027 (USD MILLION) □83

#### 6.2.5.4 □Susceptibility testing disks market, by method □84

#### TABLE 21 □SUSCEPTIBILITY TESTING DISKS MARKET, BY METHOD, 2020-2027 (USD MILLION) □84

#### 6.2.5.5 □Susceptibility testing disks market, by end user □84

#### TABLE 22 □SUSCEPTIBILITY TESTING DISKS MARKET, BY END USER, 2020-2027 (USD MILLION) □84

### 6.2.6 □MIC STRIPS □84

#### 6.2.6.1 □Growing adoption of broad-spectrum MIC strips to support market growth □84

#### TABLE 23 □MIC STRIPS MARKET, BY REGION, 2020-2027 (USD MILLION) □85

#### 6.2.6.2 □MIC strips market, by type □85

#### TABLE 24 □MIC STRIPS MARKET, BY TYPE, 2020-2027 (USD MILLION) □85

#### 6.2.6.3 □MIC strips market, by application □86

#### TABLE 25 □MIC STRIPS MARKET, BY APPLICATION, 2020-2027 (USD MILLION) □86

#### 6.2.6.4 □MIC strips market, by method □86

#### TABLE 26 □MIC STRIPS MARKET, BY METHOD, 2020-2027 (USD MILLION) □86

#### 6.2.6.5 □MIC strips market, by end user □87

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TABLE 27	MIC STRIPS MARKET, BY END USER, 2020-2027 (USD MILLION)	87
6.2.7	SUSCEPTIBILITY TESTING PLATES	87
6.2.7.1	Increasing adoption of automated/rapid AST systems hampering growth	87
TABLE 28	SUSCEPTIBILITY TESTING PLATES MARKET, BY REGION, 2020-2027 (USD MILLION)	88
6.2.7.2	Susceptibility testing plates market, by type	88
TABLE 29	SUSCEPTIBILITY TESTING PLATES MARKET, BY TYPE, 2020-2027 (USD MILLION)	88
6.2.7.3	Susceptibility testing plates market, by application	89
TABLE 30	SUSCEPTIBILITY TESTING PLATES MARKET, BY APPLICATION, 2020-2027 (USD MILLION)	89
6.2.7.4	Susceptibility testing plates market, by method	89
TABLE 31	SUSCEPTIBILITY TESTING PLATES MARKET, BY METHOD, 2020-2027 (USD MILLION)	89
6.2.7.5	Susceptibility testing plates market, by end user	90
TABLE 32	SUSCEPTIBILITY TESTING PLATES MARKET, BY END USER, 2020-2027 (USD MILLION)	90
6.3	AUTOMATED LABORATORY INSTRUMENTS	90
6.3.1	ONGOING TREND OF LABORATORY AUTOMATION AMONG CLINICAL LABORATORIES TO FUEL GROWTH	90
TABLE 33	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY REGION, 2020-2027 (USD MILLION)	91
6.3.2	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY TYPE	92
TABLE 34	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY TYPE, 2020-2027 (USD MILLION)	92
6.3.3	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY APPLICATION	92
TABLE 35	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY APPLICATION, 2020-2027 (USD MILLION)	92
6.3.4	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY METHOD	93
TABLE 36	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY METHOD, 2020-2027 (USD MILLION)	93
6.3.5	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY END USER	93
TABLE 37	AUTOMATED LABORATORY INSTRUMENTS MARKET, BY END USER, 2020-2027 (USD MILLION)	93
6.4	CULTURE AND GROWTH MEDIA	94
6.4.1	HIGH UTILIZATION OF DISK DIFFUSION AND BROTH DILUTION METHODS TO DRIVE GROWTH	94
TABLE 38	CULTURE AND GROWTH MEDIA MARKET, BY REGION, 2020-2027 (USD MILLION)	94
6.4.2	CULTURE AND GROWTH MEDIA MARKET, BY TYPE	95
TABLE 39	CULTURE AND GROWTH MEDIA MARKET, BY TYPE, 2020-2027 (USD MILLION)	95
6.4.3	CULTURE AND GROWTH MEDIA MARKET, BY APPLICATION	95
TABLE 40	CULTURE AND GROWTH MEDIA MARKET, BY APPLICATION, 2020-2027 (USD MILLION)	95
6.4.4	CULTURE AND GROWTH MEDIA MARKET, BY METHOD	96
TABLE 41	CULTURE AND GROWTH MEDIA MARKET, BY METHOD, 2020-2027 (USD MILLION)	96
6.4.5	CULTURE AND GROWTH MEDIA MARKET, BY END USER	96
TABLE 42	CULTURE AND GROWTH MEDIA MARKET, BY END USER, 2020-2027 (USD MILLION)	96
6.5	CONSUMABLES	97
6.5.1	INCREASING NUMBER OF SUSCEPTIBILITY TESTS PERFORMED AT HOSPITALS TO SUPPORT GROWTH	97
TABLE 43	CONSUMABLES MARKET, BY REGION, 2020-2027 (USD MILLION)	97
6.5.2	CONSUMABLES MARKET, BY TYPE	98
TABLE 44	CONSUMABLES MARKET, BY TYPE, 2020-2027 (USD MILLION)	98
6.5.3	CONSUMABLES MARKET, BY APPLICATION	98
TABLE 45	CONSUMABLES MARKET, BY APPLICATION, 2020-2027 (USD MILLION)	98
6.5.4	CONSUMABLES MARKET, BY METHOD	99
TABLE 46	CONSUMABLES MARKET, BY METHOD, 2020-2027 (USD MILLION)	99
6.5.5	CONSUMABLES MARKET, BY END USER	99
TABLE 47	CONSUMABLES MARKET, BY END USER, 2020-2027 (USD MILLION)	99
7	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE	100
7.1	INTRODUCTION	101

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TABLE 48□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE, 2020-2027 (USD MILLION)□101

?

7.2□ANTIBACTERIAL SUSCEPTIBILITY TESTING□101

7.2.1□EMERGENCE OF MULTIDRUG-RESISTANCE TO INCREASE ADOPTION OF ANTIBACTERIAL SUSCEPTIBILITY TESTING PRODUCTS□101

TABLE 49□ANTIBACTERIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□102

7.3□ANTIFUNGAL SUSCEPTIBILITY TESTING□102

7.3.1□INCREASING INFECTIONS OF CANDIDA AND ASPERGILLUS SPECIES TO DRIVE GROWTH□102

TABLE 50□NUMBER OF HOSPITALIZATIONS AND DIRECT MEDICAL COSTS ASSOCIATED WITH FUNGAL DISEASES IN US FOR FY 2019□103

TABLE 51□ANTIFUNGAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□103

7.4□ANTIPARASITIC SUSCEPTIBILITY TESTING□104

7.4.1□RISING INITIATIVES TO CREATE AWARENESS ABOUT PARASITIC INFECTIONS TO DRIVE GROWTH□104

TABLE 52□ANTIPARASITIC SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□104

7.5□OTHER SUSCEPTIBILITY TESTING□105

TABLE 53□OTHER SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□105

8□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION□106

8.1□INTRODUCTION□107

TABLE 54□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2020-2027 (USD MILLION)□107

8.2□CLINICAL DIAGNOSTICS□107

8.2.1□TECHNOLOGICAL ADVANCEMENTS AND INCREASING NUMBER OF SUSCEPTIBILITY TESTS PERFORMED TO DRIVE GROWTH□107

TABLE 55□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR CLINICAL DIAGNOSTICS, BY REGION, 2020-2027 (USD MILLION)□108

8.3□DRUG DISCOVERY AND DEVELOPMENT□108

8.3.1□RISING ADOPTION OF RAPID AST SOLUTIONS BY BIOPHARMACEUTICAL COMPANIES TO DRIVE SEGMENT GROWTH□108

TABLE 56□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR DRUG DISCOVERY AND DEVELOPMENT, BY REGION, 2020-2027 (USD MILLION)□109

8.4□EPIDEMIOLOGY□109

8.4.1□OUTBREAK OF PANDEMICS AND EPIDEMICS TO DRIVE DEMAND FOR AST PRODUCTS□109

TABLE 57□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR EPIDEMIOLOGY, BY REGION, 2020-2027 (USD MILLION)□110

8.5□OTHER APPLICATIONS□110

TABLE 58□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR OTHER APPLICATIONS, BY REGION, 2020-2027 (USD MILLION)□111

?

9□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD□112

9.1□INTRODUCTION□113

TABLE 59□ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2020-2027 (USD MILLION)□113

9.2□AUTOMATED ANTIMICROBIAL SUSCEPTIBILITY TESTING□113

9.2.1□TECHNOLOGICAL ADVANCEMENTS AND FAVORABLE PRODUCT PIPELINE TO DRIVE GROWTH□113

TABLE 60□AUTOMATED ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□115

9.3□DISK DIFFUSION□115

9.3.1□RISING INCIDENCE OF URINARY TRACT INFECTIONS TO DRIVE GROWTH□115

TABLE 61□DISK DIFFUSION-BASED ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□116

9.4□AGAR DILUTION□116

9.4.1□AGAR DILUTION HELPS EXPLORE DRUG COMBINATIONS FOR COMBINED ANTIBIOTIC THERAPY□116

TABLE 62□AGAR DILUTION-BASED ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)□117

9.5□ETEST□117

9.5.1□UNCERTAINTIES IN RESULT INTERPRETATION AFFECTING MARKET GROWTH□117

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TABLE 63	TEST-BASED ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)	118
9.6	GENOTYPIC METHODS	118
9.6.1	ONGOING CLINICAL TRIALS AND UPCOMING PRODUCT LAUNCHES SUPPORT GROWTH	118
TABLE 64	GENOTYPIC METHODS-BASED ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)	119
10	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER	120
10.1	INTRODUCTION	121
TABLE 65	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER, 2020-2027 (USD MILLION)	121
10.2	HOSPITALS AND DIAGNOSTIC CENTERS	121
10.2.1	HIGH PREVALENCE OF INFECTIOUS DISEASES AND RISING ADOPTION OF RAPID AST SOLUTIONS TO DRIVE GROWTH	121
TABLE 66	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR HOSPITALS AND DIAGNOSTIC CENTERS, BY REGION, 2020-2027 (USD MILLION)	122
10.3	PHARMACEUTICAL AND BIOTECHNOLOGY COMPANIES	122
10.3.1	INCREASING NUMBER OF BIOPHARMACEUTICAL COMPANIES TO SUPPORT SEGMENT GROWTH	122
TABLE 67	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR PHARMACEUTICAL AND BIOTECHNOLOGY COMPANIES, BY REGION, 2020-2027 (USD MILLION)	123
?		
10.4	RESEARCH AND ACADEMIC INSTITUTES	123
10.4.1	GROWING RESEARCH GRANTS AND FUNDING TO ACCELERATE MARKET GROWTH	123
TABLE 68	FUNDING BY DEPARTMENT OF HEALTH AND SOCIAL CARE (UK) FOR ANTIMICROBIAL RESISTANCE STUDIES, 2020	124
TABLE 69	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR RESEARCH AND ACADEMIC INSTITUTES, BY REGION, 2020-2027 (USD MILLION)	124
10.5	CONTRACT RESEARCH ORGANIZATIONS	125
10.5.1	CLINICAL TRIAL GLOBALIZATION AND GROWING NUMBER OF CROS IN EMERGING ECONOMIES TO DRIVE GROWTH	125
TABLE 70	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET FOR CONTRACT RESEARCH ORGANIZATIONS, BY REGION, 2020-2027 (USD MILLION)	125
11	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION	126
11.1	INTRODUCTION	127
TABLE 71	ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY REGION, 2020-2027 (USD MILLION)	127
11.2	NORTH AMERICA	127
FIGURE 26	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET SNAPSHOT	128
TABLE 72	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY COUNTRY, 2020-2027 (USD MILLION)	129
TABLE 73	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION)	129
TABLE 74	NORTH AMERICA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION)	129
TABLE 75	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE, 2020-2027 (USD MILLION)	130
TABLE 76	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2020-2027 (USD MILLION)	130
TABLE 77	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2020-2027 (USD MILLION)	131
TABLE 78	NORTH AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER, 2020-2027 (USD MILLION)	131
11.2.1	US	131
11.2.1.1	US to dominate North American market during forecast period	131
TABLE 79	US: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION)	132
TABLE 80	US: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION)	132
11.2.2	CANADA	133
11.2.2.1	Favorable government initiatives to drive growth during forecast period	133
TABLE 81	CANADA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION)	133
TABLE 82	CANADA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD	



MILLION) 134

?

### 11.3 EUROPE 134

TABLE 83 EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY COUNTRY, 2020-2027 (USD MILLION) 134

TABLE 84 EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 135

TABLE 85 EUROPE: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 135

TABLE 86 EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE, 2020-2027 (USD MILLION) 136

TABLE 87 EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 136

TABLE 88 EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2020-2027 (USD MILLION) 137

TABLE 89 EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER, 2020-2027 (USD MILLION) 137

#### 11.3.1 GERMANY 137

11.3.1.1 Germany to dominate European market during forecast period 137

TABLE 90 GERMANY: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 138

TABLE 91 GERMANY: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 138

#### 11.3.2 FRANCE 139

11.3.2.1 Supportive government policies and easy access to healthcare services to fuel growth 139

TABLE 92 FRANCE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 140

TABLE 93 FRANCE: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 140

#### 11.3.3 UK 140

11.3.3.1 Significant prevalence of infectious diseases coupled with increasing awareness of AST products to drive market growth 140

TABLE 94 UK: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 141

TABLE 95 UK: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 141

#### 11.3.4 ITALY 142

11.3.4.1 Increasing R&D investments by pharmaceutical companies to propel demand for AST products 142

TABLE 96 ITALY: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 142

TABLE 97 ITALY: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 143

#### 11.3.5 SPAIN 143

11.3.5.1 Rising geriatric population to drive market growth 143

TABLE 98 SPAIN: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 144

TABLE 99 SPAIN: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 144

#### 11.3.6 REST OF EUROPE 144

TABLE 100 REST OF EUROPE: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 145

TABLE 101 REST OF EUROPE: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 145

### 11.4 ASIA PACIFIC 146

FIGURE 27 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET SNAPSHOT 147

TABLE 102 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY COUNTRY, 2020-2027 (USD MILLION) 148

TABLE 103 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 148

TABLE 104 ASIA PACIFIC: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 149

TABLE 105 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE, 2020-2027 (USD MILLION) 149

TABLE 106 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 150

TABLE 107 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2020-2027 (USD MILLION) 150

TABLE 108 ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER, 2020-2027 (USD MILLION) 151

#### 11.4.1 JAPAN 151

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#### 11.4.1.1 Growing geriatric population to drive market 151

TABLE 109 JAPAN: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 152

TABLE 110 JAPAN: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 152

#### 11.4.2 CHINA 152

##### 11.4.2.1 Favorable government regulations and heavy burden of infectious diseases to drive market growth 152

TABLE 111 INCIDENCE OF INFECTIOUS DISEASES IN CHINA, 2020 153

TABLE 112 CHINA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 153

TABLE 113 CHINA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 154

#### 11.4.3 INDIA 154

##### 11.4.3.1 Growing initiatives for clinical diagnosis by government and major players to drive market growth 154

TABLE 114 INDIA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 155

TABLE 115 INDIA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 155

#### 11.4.4 AUSTRALIA 155

##### 11.4.4.1 Increasing government funding for research activities to drive market growth 155

TABLE 116 AUSTRALIA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 156

TABLE 117 AUSTRALIA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 156

#### 11.4.5 SOUTH KOREA 157

##### 11.4.5.1 Requirement of rapid AMR detection to drive growth 157

TABLE 118 SOUTH KOREA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 157

TABLE 119 SOUTH KOREA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 158

#### 11.4.6 REST OF ASIA PACIFIC 158

TABLE 120 REST OF ASIA PACIFIC: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 158

TABLE 121 REST OF ASIA PACIFIC: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 159

#### 11.5 LATIN AMERICA 159

TABLE 122 LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY COUNTRY, 2020-2027 (USD MILLION) 160

TABLE 123 LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 160

TABLE 124 LATIN AMERICA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 161

TABLE 125 LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE, 2020-2027 (USD MILLION) 161

TABLE 126 LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 162

TABLE 127 LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2020-2027 (USD MILLION) 162

TABLE 128 LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER, 2020-2027 (USD MILLION) 163

##### 11.5.1 BRAZIL 163

###### 11.5.1.1 Established presence of major AST product manufacturers to drive growth 163

TABLE 129 BRAZIL: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 164

TABLE 130 BRAZIL: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 164

##### 11.5.2 MEXICO 164

###### 11.5.2.1 Growing economic development to drive market growth 164

TABLE 131 MEXICO: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 165

TABLE 132 MEXICO: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 165

##### 11.5.3 REST OF LATIN AMERICA 166

TABLE 133 REST OF LATIN AMERICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD

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MILLION) 166

TABLE 134 REST OF LATIN AMERICA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 166

?

11.6 MIDDLE EAST & AFRICA 167

11.6.1 GROWING INCIDENCE OF INFECTIOUS DISEASES AND LARGE PATIENT POOL TO DRIVE MARKET GROWTH 167

TABLE 135 MIDDLE EAST & AFRICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY PRODUCT, 2020-2027 (USD MILLION) 167

TABLE 136 MIDDLE EAST & AFRICA: MANUAL ANTIMICROBIAL SUSCEPTIBILITY TESTING PRODUCTS MARKET, BY TYPE, 2020-2027 (USD MILLION) 168

TABLE 137 MIDDLE EAST & AFRICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY TYPE, 2020-2027 (USD MILLION) 168

TABLE 138 MIDDLE EAST & AFRICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY APPLICATION, 2020-2027 (USD MILLION) 169

TABLE 139 MIDDLE EAST & AFRICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY METHOD, 2020-2027 (USD MILLION) 169

TABLE 140 MIDDLE EAST & AFRICA: ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET, BY END USER, 2020-2027 (USD MILLION) 170

12 COMPETITIVE LANDSCAPE 171

12.1 INTRODUCTION 171

12.2 STRATEGIES OF KEY PLAYERS/RIGHT TO WIN 171

TABLE 141 OVERVIEW OF STRATEGIES ADOPTED BY PLAYERS IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET 171

12.3 REVENUE SHARE ANALYSIS OF TOP MARKET PLAYERS 173

FIGURE 28 REVENUE SHARE ANALYSIS OF TOP PLAYERS IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET 173

12.4 MARKET SHARE ANALYSIS (2021) 174

FIGURE 29 BIOMERIEUX SA HELD LEADING POSITION IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET IN 2021 174

12.5 COMPANY EVALUATION MATRIX FOR 25 MAJOR PLAYERS (2021) 174

12.5.1 STARS 175

12.5.2 EMERGING LEADERS 175

12.5.3 PERVASIVE PLAYERS 175

12.5.4 PARTICIPANTS 175

FIGURE 30 ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: COMPANY EVALUATION MATRIX FOR KEY PLAYERS, 2021 176

12.6 COMPANY EVALUATION MATRIX FOR START-UPS/SMES (2021) 177

12.6.1 PROGRESSIVE COMPANIES 177

12.6.2 RESPONSIVE COMPANIES 177

12.6.3 DYNAMIC COMPANIES 177

12.6.4 STARTING BLOCKS 177

FIGURE 31 ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: COMPANY EVALUATION MATRIX FOR SMES/START-UPS, 2021 178

12.7 COMPETITIVE BENCHMARKING 179

TABLE 142 PRODUCT FOOTPRINT ANALYSIS OF TOP PLAYERS IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET 179

TABLE 143 APPLICATION FOOTPRINT ANALYSIS OF TOP PLAYERS IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET 180

TABLE 144 REGIONAL FOOTPRINT ANALYSIS OF TOP PLAYERS IN ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET 181

12.8 COMPETITIVE SCENARIO 182

12.8.1 PRODUCT LAUNCHES 182

TABLE 145 ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: PRODUCT LAUNCHES, JANUARY 2020-JANUARY 2023 182

12.8.2 DEALS 184

TABLE 146 ANTIMICROBIAL SUSCEPTIBILITY TESTING MARKET: DEALS, JANUARY 2020-JANUARY 2023 184

13 COMPANY PROFILES 186

(Business overview, Products offered, Recent Developments, MNM view)\*

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13.1	KEY PLAYERS	186
13.1.1	BIOMERIEUX SA	186
	TABLE 147	COMPANY OVERVIEW: BIOMERIEUX SA
	FIGURE 32	BIOMERIEUX SA: COMPANY SNAPSHOT
13.1.2	BECTON, DICKINSON AND COMPANY	191
	TABLE 148	COMPANY OVERVIEW: BECTON, DICKINSON AND COMPANY
	FIGURE 33	BECTON, DICKINSON AND COMPANY: COMPANY SNAPSHOT
13.1.3	THERMO FISHER SCIENTIFIC	194
	TABLE 149	COMPANY OVERVIEW: THERMO FISHER SCIENTIFIC
	FIGURE 34	THERMO FISHER SCIENTIFIC: COMPANY SNAPSHOT
13.1.4	DANAHER CORPORATION	198
	TABLE 150	COMPANY OVERVIEW: DANAHER CORPORATION
	FIGURE 35	DANAHER CORPORATION: COMPANY SNAPSHOT
13.1.5	BIO-RAD LABORATORIES, INC.	202
	TABLE 151	COMPANY OVERVIEW: BIO-RAD LABORATORIES, INC.
	FIGURE 36	BIO-RAD LABORATORIES, INC.: COMPANY SNAPSHOT
13.1.6	BRUKER	205
	TABLE 152	COMPANY OVERVIEW: BRUKER
	FIGURE 37	BRUKER: COMPANY SNAPSHOT
13.1.7	ROCHE DIAGNOSTICS	208
	TABLE 153	COMPANY OVERVIEW: ROCHE DIAGNOSTICS
	FIGURE 38	ROCHE DIAGNOSTICS: COMPANY SNAPSHOT
13.1.8	MERCK KGAA	211
	TABLE 154	COMPANY OVERVIEW: MERCK KGAA
	FIGURE 39	MERCK KGAA: COMPANY SNAPSHOT
13.1.9	ACCELERATE DIAGNOSTICS, INC.	215
	TABLE 155	COMPANY OVERVIEW: ACCELERATE DIAGNOSTICS, INC.
	FIGURE 40	ACCELERATE DIAGNOSTICS, INC.: COMPANY SNAPSHOT
13.1.10	HIMEDIA LABORATORIES	218
	TABLE 156	COMPANY OVERVIEW: HIMEDIA LABORATORIES
	?	
13.1.11	LIOFILCHEM S.R.L.	220
	TABLE 157	COMPANY OVERVIEW: LIOFILCHEM S.R.L.
13.1.12	ALIFAX S.R.L.	223
	TABLE 158	COMPANY OVERVIEW: ALIFAX S.R.L.
13.1.13	CREATIVE DIAGNOSTICS	225
	TABLE 159	COMPANY OVERVIEW: CREATIVE DIAGNOSTICS
13.1.14	SYNBIOSIS	227
	TABLE 160	COMPANY OVERVIEW: SYNBIOSIS
13.1.15	BIOANALYSE	228
	TABLE 161	COMPANY OVERVIEW: BIOANALYSE
13.2	OTHER COMPANIES	229
13.2.1	ZHUHAI DL BIOTECH CO., LTD.	229
13.2.2	ELITECH GROUP	230
13.2.3	MAST GROUP LTD.	231
13.2.4	CONDALAB	231
13.2.5	GENEFLUIDICS, INC.	232

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13.2.6 BIOTRON LTD. 232

13.2.7 INVIVOGEN 233

13.2.8 MP BIOMEDICALS 233

13.2.9 QUANTAMATRIX INC. 234

13.2.10 PML MICROBIOLOGICALS 234

\*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

14 APPENDIX 235

14.1 DISCUSSION GUIDE 235

14.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL 240

14.3 CUSTOMIZATION OPTIONS 242

14.4 RELATED REPORTS 242

14.5 AUTHOR DETAILS 243

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