

Isothermal Nucleic Acid Amplification Technology Market by Product (Assay, System), Technology (LAMP, SDA, NASBA, NEAR, HDA), Application (Diagnostics (Influenza, Hepatitis, CT/NG, COVID-19), blood screening), End User & Region - Global Forecast to 2028

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Report description:

The isothermal nucleic acid amplification technology market is projected to reach USD 6.8 Billion by 2028 from USD 4.4 Billion in 2023, at a CAGR of 9.2% during the forecast period. Increasing prevalence of infectious diseases, launches & approvals for INAAT products and availability of funding for diagnostic tools are various factors projected to drive the growth of the isothermal nucleic acid amplification technology market.

LAMP segment accounted for the largest share of the INAAT market

Based on technology, the isothermal nucleic acid amplification technology market is segmented into loop-mediated isothermal amplification (LAMP), transcription-mediated amplification (TMA), strand displacement amplification (SDA), nicking enzyme amplification reaction (NEAR), single-primer isothermal amplification (SPIA), and other technologies. In 2022, the loop-mediated isothermal amplification (LAMP) segment dominated the market. This is owing to high demand for LAMP kits and wide availability of these kits in developed and developing markets across the globe.

Infectious disease diagnosis segment accounted for the largest application segment of the market

Based on application, the INAAT market is segmented into infectious disease diagnosis, blood screening, and other applications. The disease diagnosis segment is expected to dominate the market in 2022. Various factors drive the growth of the segment are rising number of HIV, influenza, and hepatitis cases across the globe, focus on infectious disease control, and use of INAAT based kits for the diagnosis of these diseases.

The prominent players in isothermal nucleic acid amplification technology market are Grifols, S.A. (Spain), Hologic, Inc. (US),

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Abbott Laboratories (US), Becton, Dickinson and Company (US), Meridian Bioscience (US), Eiken Chemical Co., Ltd. (Japan), bioMerieux SA (France), Tecan Trading AG (Switzerland), New England Biolabs (US), QIAGEN N.V. (Germany), DiaSorin S.p.A. (Italy), General Electric (US), OptiGene Limited (UK), Quidel Corporation (US), Thermo Fisher Scientific (US), Genomtec (Poland), Mast Group Ltd. (UK), Ustar Biotechnologies (China), Jena Bioscience GmbH (Germany), Atila BioSystems (US), TwistDx Limited (UK), LGC Limited (UK), Life Sciences Advanced Technologies (US), GenoSensor Corporation (US), and PCR Biosystems (UK).?

"North America: Accounted for the largest share in isothermal nucleic acid amplification technology market"

North America has the largest share of the isothermal nucleic acid amplification technology market. Factors such as availability of research funding and the development of diagnostic industry, increasing importance of early diagnosis for patient with HIV, Hepatitis and Influenza, and developed healthcare infrastructure are the major factors driving the market growth.

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

- By Respondent: Supply Side- 80% and Demand Side - 20%
- By Designation: Managers- 45%, CXOs and Director level - 30%, and Executives - 25%
- By Region: North America -20%, Europe -15%, Asia-Pacific -55%, RoW -10%

List of Companies Profiled in the Report:

- Grifols, S.A. (Spain)
- Hologic, Inc. (US)
- Abbott Laboratories (US)
- Becton, Dickinson and Company (US)
- Meridian Bioscience (US)
- Eiken Chemical Co., Ltd. (Japan)
- bioMerieux SA (France)
- Tecan Trading AG (Switzerland)
- New England Biolabs (US)
- QIAGEN N.V. (Germany)
- DiaSorin S.p.A. (Italy)
- General Electric (US)
- OptiGene Limited (UK)
- Quidel Corporation (US)
- Thermo Fisher Scientific (US)
- Genomtec (Poland)
- Mast Group Ltd. (UK)
- Ustar Biotechnologies (China)
- Jena Bioscience GmbH (Germany)
- Atila BioSystems (US)
- TwistDx Limited (UK)
- LGC Limited (UK)
- Life Sciences Advanced Technologies (US)
- GenoSensor Corporation (US)
- PCR Biosystems (UK)?

Research Coverage:

This report provides a detailed picture of the isothermal nucleic acid amplification technology market. It aims at estimating the size and future growth potential of the market across different segments such as the product, application, end users and region. The report also includes an in-depth competitive analysis of the key market players along with their company profiles recent developments and key market strategies.

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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 isothermal nucleic acid amplification technology 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, challenges, and opportunities.

Table of Contents:

1	INTRODUCTION	34
1.1	STUDY OBJECTIVES	34
1.2	MARKET DEFINITION	34
1.2.1	INCLUSIONS & EXCLUSIONS	35
1.3	MARKET SCOPE	36
FIGURE 1	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET SEGMENTATION	36
1.3.1	YEARS CONSIDERED	37
1.4	CURRENCY CONSIDERED	37
1.5	LIMITATIONS	37
1.6	STAKEHOLDERS	38
1.7	SUMMARY OF CHANGES	38
2	RESEARCH METHODOLOGY	39
2.1	RESEARCH APPROACH	39
FIGURE 2	RESEARCH DESIGN	39
2.1.1	PRIMARY RESEARCH	39
FIGURE 3	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: PRIMARY RESPONDENTS	40
2.2	MARKET ESTIMATION METHODOLOGY	40
FIGURE 4	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET SIZE ESTIMATION: SUPPLY-SIDE ANALYSIS, 2022	40
FIGURE 5	MARKET SIZE ESTIMATION: APPROACH 1 (COMPANY REVENUE ANALYSIS-BASED ESTIMATION), 2022	41
2.2.1	INSIGHTS FROM PRIMARY EXPERTS	42
FIGURE 6	MARKET SIZE VALIDATION FROM PRIMARY RESOURCES	42
2.3	MARKET GROWTH RATE PROJECTIONS	43
FIGURE 7	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: CAGR PROJECTIONS, 2023-2028	44
FIGURE 8	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET (DEMAND SIDE): GROWTH ANALYSIS OF DEMAND-SIDE FACTORS	44
2.4	DATA TRIANGULATION	45
FIGURE 9	DATA TRIANGULATION METHODOLOGY	45
2.5	RESEARCH ASSUMPTIONS	45
2.6	RISK ANALYSIS	46
2.7	RECESSION IMPACT	46
3	EXECUTIVE SUMMARY	48
FIGURE 10	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2023 VS. 2028 (USD MILLION)	48
FIGURE 11	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2023 VS. 2028 (USD MILLION)	49
FIGURE 12	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)	49
FIGURE 13	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2023 VS. 2028 (USD MILLION)	50
FIGURE 14	GEOGRAPHICAL SNAPSHOT OF ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET	51
4	PREMIUM INSIGHTS	52
4.1	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET OVERVIEW	52
FIGURE 15	INCREASING PREVALENCE OF INFECTIOUS DISEASES TO DRIVE MARKET GROWTH	52

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4.2	NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT AND COUNTRY (2022)	53	
	FIGURE 16	ASSAYS, KITS, AND REAGENTS ACCOUNTED FOR LARGEST MARKET SHARE IN 2022	53
4.3	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET SHARE, BY APPLICATION, 2023 VS. 2028	53	
	FIGURE 17	DISEASE DIAGNOSIS APPLICATION SEGMENT TO CONTINUE TO DOMINATE MARKET IN 2028	53
4.4	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES	54	
	FIGURE 18	CHINA TO REGISTER HIGHEST GROWTH DURING FORECAST PERIOD	54
5	MARKET OVERVIEW	55	
5.1	INTRODUCTION	55	
5.2	MARKET DYNAMICS	55	
	FIGURE 19	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	55
	TABLE 1	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: IMPACT ANALYSIS OF DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES	56
5.2.1	DRIVERS	56	
5.2.1.1	Recent launches of INAAT consumables by prominent market players	56	
5.2.1.2	Growing funding initiatives for molecular diagnostics & infectious disease diagnostics	57	
5.2.1.3	High prevalence of infectious diseases	58	
5.2.2	RESTRAINTS	58	
5.2.2.1	Unfavorable reimbursement scenario for in vitro diagnostic tests	58	
5.2.3	OPPORTUNITIES	59	
5.2.3.1	INAAT tests as point-of-care tools	59	
5.2.3.2	Start-ups focusing on INAAT	59	
5.2.4	CHALLENGES	60	
5.2.4.1	Dominance of PCR	60	
5.3	PRICING ANALYSIS	60	
	TABLE 2	AVERAGE SELLING PRICE OF INAAT PRODUCTS, 2022	60
5.4	VALUE CHAIN ANALYSIS	61	
	FIGURE 20	VALUE CHAIN OF INAAT MARKET: MAXIMUM VALUE ADDED DURING MANUFACTURING AND ASSEMBLY PHASES	61
5.5	ECOSYSTEM ANALYSIS	62	
	FIGURE 21	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: ECOSYSTEM ANALYSIS	62
	TABLE 3	SUPPLY CHAIN ECOSYSTEM	63
5.6	KEY CONFERENCES & EVENTS IN 2023-2024	63	
	TABLE 4	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: DETAILED LIST OF CONFERENCES & EVENTS	63
5.7	PORTER'S FIVE FORCES ANALYSIS	65	
	TABLE 5	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET: PORTER'S FIVE FORCES ANALYSIS	65
5.7.1	THREAT FROM NEW ENTRANTS	65	
5.7.2	THREAT FROM SUBSTITUTES	65	
5.7.3	BARGAINING POWER OF BUYERS	65	
5.7.4	BARGAINING POWER OF SUPPLIERS	65	
5.7.5	DEGREE OF COMPETITION	66	
5.8	KEY STAKEHOLDERS & BUYING CRITERIA	66	
	FIGURE 22	INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS OF INAAT PRODUCTS	66
	FIGURE 23	BUYING CRITERIA FOR INAAT PRODUCTS	66
5.9	PATENT ANALYSIS	67	
	FIGURE 24	PATENT APPLICATIONS RELATED TO ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, JANUARY 2012-DECEMBER 2022	67
5.10	REGULATORY ANALYSIS	67	

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TABLE 6	NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	67
TABLE 7	ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	68
TABLE 8	LATIN AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	68
TABLE 9	REST OF THE WORLD: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	68
5.10.1	NORTH AMERICA	69
5.10.1.1	US	69
5.10.1.2	Canada	69
5.10.2	EUROPE	69
TABLE 10	EUROPE: CLASSIFICATION OF DEVICES	69
5.10.3	ASIA PACIFIC	70
5.10.3.1	China	70
5.10.3.2	Japan	70
5.10.3.3	India	70
5.10.4	LATIN AMERICA	70
5.10.4.1	Brazil	70
5.10.4.2	Mexico	71
5.10.5	MIDDLE EAST	71
5.11	TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES	71
FIGURE 25	REVENUE SHIFT AND NEW REVENUE POCKETS	71
6	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT	72
6.1	INTRODUCTION	73
TABLE 11	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)	73
6.2	ASSAYS, KITS, AND REAGENTS	73
6.2.1	GROWING AWARENESS OF INAAT TO DRIVE DEMAND FOR ASSAYS, KITS, AND REAGENTS	73
TABLE 12	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY ASSAYS, KITS, AND REAGENTS MARKET, BY REGION, 2021-2028 (USD MILLION)	74
TABLE 13	NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY ASSAYS, KITS, AND REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	74
TABLE 14	EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY ASSAYS, KITS, AND REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	74
TABLE 15	ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY ASSAYS, KITS, AND REAGENTS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	75
6.3	SYSTEMS	75
6.3.1	GROWING POPULARITY OF INAAT SYSTEMS TO SUPPORT MARKET GROWTH	75
TABLE 16	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY SYSTEMS MARKET, BY REGION, 2021-2028 (USD MILLION)	76
TABLE 17	NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	76
TABLE 18	EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	76
TABLE 19	ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY SYSTEMS MARKET, BY COUNTRY, 2021-2028 (USD MILLION)	77
7	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY	78
7.1	INTRODUCTION	79
TABLE 20	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGIES	79
TABLE 21	ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)	80
7.2	LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP)	80
7.2.1	LAUNCH OF NEW LAMP DIAGNOSTIC KITS TO SUPPORT MARKET GROWTH	80

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TABLE 22 □ LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) MARKET, BY REGION, 2021-2028 (USD MILLION) □81

TABLE 23 □ NORTH AMERICA: LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □81

TABLE 24 □ EUROPE: LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □82

TABLE 25 □ ASIA PACIFIC: LOOP-MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □82

7.3 □ TRANSCRIPTION-MEDIATED AMPLIFICATION (TMA) □82

7.3.1 □ GROWING EFFORTS TO DEVELOP TMA KITS TO BOOST GROWTH □82

TABLE 26 □ TRANSCRIPTION-MEDIATED AMPLIFICATION (TMA) MARKET, BY REGION, 2021-2028 (USD MILLION) □83

TABLE 27 □ NORTH AMERICA: TRANSCRIPTION-MEDIATED AMPLIFICATION (TMA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □83

TABLE 28 □ EUROPE: TRANSCRIPTION-MEDIATED AMPLIFICATION (TMA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □84

TABLE 29 □ ASIA PACIFIC: TRANSCRIPTION-MEDIATED AMPLIFICATION (TMA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □84

7.4 □ NICKING ENZYME AMPLIFICATION REACTION (NEAR) □84

7.4.1 □ RAPID IDENTIFICATION OF SMALL DNA OR RNA FRAGMENTS TO BOOST ADOPTION OF NEAR □84

TABLE 30 □ NICKING ENZYME AMPLIFICATION REACTION (NEAR) MARKET, BY REGION, 2021-2028 (USD MILLION) □85

TABLE 31 □ NORTH AMERICA: NICKING ENZYME AMPLIFICATION REACTION (NEAR) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □85

TABLE 32 □ EUROPE: NICKING ENZYME AMPLIFICATION REACTION (NEAR) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □86

TABLE 33 □ ASIA PACIFIC: NICKING ENZYME AMPLIFICATION REACTION (NEAR) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □86

7.5 □ STRAND DISPLACEMENT AMPLIFICATION (SDA) □86

7.5.1 □ GROWING USE OF SDA IN RNA AMPLIFICATION TO PROPEL MARKET GROWTH □86

TABLE 34 □ STRAND DISPLACEMENT AMPLIFICATION (SDA) MARKET, BY REGION, 2021-2028 (USD MILLION) □87

TABLE 35 □ NORTH AMERICA: STRAND DISPLACEMENT AMPLIFICATION (SDA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □87

TABLE 36 □ EUROPE: STRAND DISPLACEMENT AMPLIFICATION (SDA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □88

TABLE 37 □ ASIA PACIFIC: STRAND DISPLACEMENT AMPLIFICATION (SDA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □88

7.6 □ HELICASE-DEPENDENT AMPLIFICATION (HDA) □88

7.6.1 □ USE OF THERMOSTABLE HELICASE ENZYMES INSTEAD OF HEAT TO BOOST DEMAND FOR HDA □88

TABLE 38 □ HELICASE-DEPENDENT AMPLIFICATION (HDA) MARKET, BY REGION, 2021-2028 (USD MILLION) □89

TABLE 39 □ NORTH AMERICA: HELICASE-DEPENDENT AMPLIFICATION (HDA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □89

TABLE 40 □ EUROPE: HELICASE-DEPENDENT AMPLIFICATION (HDA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □90

TABLE 41 □ ASIA PACIFIC: HELICASE-DEPENDENT AMPLIFICATION (HDA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □90

7.7 □ NUCLEIC ACID SEQUENCE-BASED AMPLIFICATION (NASBA) □90

7.7.1 □ ADVANTAGES OF NASBA OVER PCR TO BOOST ADOPTION IN CLINICAL SETTINGS □90

TABLE 42 □ NUCLEIC ACID SEQUENCE-BASED AMPLIFICATION (NASBA) MARKET, BY REGION, 2021-2028 (USD MILLION) □91

TABLE 43 □ NORTH AMERICA: NUCLEIC ACID SEQUENCE-BASED AMPLIFICATION (NASBA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □91

TABLE 44 □ EUROPE: NUCLEIC ACID SEQUENCE-BASED AMPLIFICATION (NASBA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □92

TABLE 45 □ ASIA PACIFIC: NUCLEIC ACID SEQUENCE-BASED AMPLIFICATION (NASBA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □92

7.8 □ SINGLE-PRIMER ISOTHERMAL AMPLIFICATION (SPIA) □92

7.8.1 □ USE OF RNA/DNA-3? PRIMER FOR FIRST-STRAND CDNA SYNTHESIS TO DRIVE MARKET □92

TABLE 46 □ SINGLE-PRIMER ISOTHERMAL AMPLIFICATION (SPIA) MARKET, BY REGION, 2021-2028 (USD MILLION) □93

TABLE 47 □ NORTH AMERICA: SINGLE-PRIMER ISOTHERMAL AMPLIFICATION (SPIA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □93

TABLE 48 □ EUROPE: SINGLE-PRIMER ISOTHERMAL AMPLIFICATION (SPIA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □94

TABLE 49 □ ASIA PACIFIC: SINGLE-PRIMER ISOTHERMAL AMPLIFICATION (SPIA) MARKET, BY COUNTRY, 2021-2028 (USD MILLION) □94

7.9 □ OTHER TECHNOLOGIES □95

TABLE 50 □ OTHER INAAT TECHNOLOGIES MARKET, BY REGION, 2021-2028 (USD MILLION) □95

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TABLE 51 NORTH AMERICA: OTHER INAAAT TECHNOLOGIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 95

TABLE 52 EUROPE: OTHER INAAAT TECHNOLOGIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 96

TABLE 53 ASIA PACIFIC: OTHER INAAAT TECHNOLOGIES MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 96

8 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION 97

8.1 INTRODUCTION 98

TABLE 54 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 98

8.2 DISEASE DIAGNOSIS 98

TABLE 55 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION) 98

TABLE 56 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY REGION, 2021-2028 (USD MILLION) 99

TABLE 57 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION) 99

TABLE 58 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION) 99

TABLE 59 ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION) 100

8.2.1 COVID-19 100

8.2.1.1 Extensive use of INAAAT kits for COVID-19 diagnosis to support market growth 100

TABLE 60 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR COVID-19 TESTING, BY REGION, 2021-2028 (USD MILLION) 101

TABLE 61 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR COVID-19 TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 101

TABLE 62 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR COVID-19 TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 101

TABLE 63 ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR COVID-19 TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 102

8.2.2 HEPATITIS 102

8.2.2.1 Growing adoption of advanced technologies for diagnosis of hepatitis B to drive growth 102

FIGURE 26 NEW CASES OF HEPATITIS B AND HEPATITIS C WORLDWIDE, BY GENDER, 2020 102

TABLE 64 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HEPATITIS TESTING, BY REGION, 2021-2028 (USD MILLION) 103

TABLE 65 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HEPATITIS TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 103

TABLE 66 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HEPATITIS TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 103

TABLE 67 ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HEPATITIS TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 104

8.2.3 CT/NG 104

8.2.3.1 Growing prevalence of CT/NG infections worldwide to boost market 104

TABLE 68 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR CT/NG TESTING, BY REGION, 2021-2028 (USD MILLION) 105

TABLE 69 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR CT/NG TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 105

TABLE 70 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR CT/NG TESTING, BY COUNTRY, 2021-2028 (USD MILLION) 105

TABLE 71 ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR CT/NG TESTING, BY COUNTRY,

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2021-2028 (USD MILLION)□106

8.2.4□INFLUENZA□106

8.2.4.1□Growing focus on containing spread of influenza to propel growth□106

TABLE 72□ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR INFLUENZA TESTING, BY REGION, 2021-2028 (USD MILLION)□106

TABLE 73□NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR INFLUENZA TESTING, BY COUNTRY, 2021-2028 (USD MILLION)□107

TABLE 74□EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR INFLUENZA TESTING, BY COUNTRY, 2021-2028 (USD MILLION)□107

TABLE 75□ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR INFLUENZA TESTING, BY COUNTRY, 2021-2028 (USD MILLION)□107

8.2.5□HIV□108

8.2.5.1□High global incidence of HIV to support market growth□108

TABLE 76□GLOBAL HIV CASES, 2021□108

TABLE 77□ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HIV TESTING, BY REGION, 2021-2028 (USD MILLION)□108

TABLE 78□NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HIV TESTING, BY COUNTRY, 2021-2028 (USD MILLION)□109

TABLE 79□EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HIV TESTING, BY COUNTRY, 2021-2028 (USD MILLION)□109

TABLE 80□ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HIV TESTING, BY COUNTRY, 2021-2028 (USD MILLION)□109

8.2.6□OTHER DISEASES□110

TABLE 81□ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER DISEASES, BY REGION, 2021-2028 (USD MILLION)□110

TABLE 82□NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)□110

TABLE 83□EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)□111

TABLE 84□ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER DISEASES, BY COUNTRY, 2021-2028 (USD MILLION)□111

8.3□BLOOD SCREENING□111

8.3.1□INCREASING NUMBER OF BLOOD DONATIONS AND TRANSFUSIONS TO INCREASE USE OF INAAT IN BLOOD SCREENING APPLICATIONS□111

TABLE 85□ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR BLOOD SCREENING APPLICATIONS, BY REGION, 2021-2028 (USD MILLION)□112

TABLE 86□NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR BLOOD SCREENING APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION)□112

TABLE 87□EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR BLOOD SCREENING APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION)□113

TABLE 88□ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR BLOOD SCREENING APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION)□113

8.4□OTHER APPLICATIONS□113

TABLE 89□ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER APPLICATIONS, BY REGION, 2021-2028 (USD MILLION)□114

TABLE 90□NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION)□114

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TABLE 91 □ EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION) □ 114

TABLE 92 □ ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2021-2028 (USD MILLION) □ 115

9 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER □ 116

9.1 □ INTRODUCTION □ 117

TABLE 93 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION) □ 117

9.2 □ HOSPITALS □ 117

9.2.1 □ HOSPITALS TO DOMINATE INAAT MARKET DURING FORECAST PERIOD □ 117

TABLE 94 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HOSPITALS, BY REGION, 2021-2028 (USD MILLION) □ 118

TABLE 95 □ NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HOSPITALS, BY COUNTRY, 2021-2028 (USD MILLION) □ 118

TABLE 96 □ EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HOSPITALS, BY COUNTRY, 2021-2028 (USD MILLION) □ 118

TABLE 97 □ ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR HOSPITALS, BY COUNTRY, 2021-2028 (USD MILLION) □ 119

9.3 □ REFERENCE LABORATORIES □ 119

9.3.1 □ AVAILABILITY OF WIDE RANGE OF TEST PANELS FOR INFECTIOUS DISEASE TESTING TO SUPPORT MARKET □ 119

TABLE 98 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR REFERENCE LABORATORIES, BY REGION, 2021-2028 (USD MILLION) □ 119

TABLE 99 □ NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR REFERENCE LABORATORIES, BY COUNTRY, 2021-2028 (USD MILLION) □ 120

TABLE 100 □ EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR REFERENCE LABORATORIES, BY COUNTRY, 2021-2028 (USD MILLION) □ 120

TABLE 101 □ ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR REFERENCE LABORATORIES, BY COUNTRY, 2021-2028 (USD MILLION) □ 120

9.4 □ ACADEMIC & RESEARCH INSTITUTES □ 121

9.4.1 □ GROWING USE OF INAAT ASSAYS BY ACADEMIC & RESEARCH INSTITUTES TO BOOST MARKET □ 121

TABLE 102 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY REGION, 2021-2028 (USD MILLION) □ 121

TABLE 103 □ NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021-2028 (USD MILLION) □ 121

TABLE 104 □ EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021-2028 (USD MILLION) □ 122

TABLE 105 □ ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR ACADEMIC & RESEARCH INSTITUTES, BY COUNTRY, 2021-2028 (USD MILLION) □ 122

9.5 □ OTHER END USERS □ 122

TABLE 106 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER END USERS, BY REGION, 2021-2028 (USD MILLION) □ 123

TABLE 107 □ NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER END USERS, BY COUNTRY, 2021-2028 (USD MILLION) □ 123

TABLE 108 □ EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER END USERS, BY COUNTRY, 2021-2028 (USD MILLION) □ 123

TABLE 109 □ ASIA PACIFIC: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR OTHER END USERS, BY COUNTRY, 2021-2028 (USD MILLION) □ 124

10 □ ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY REGION □ 125

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10.1 INTRODUCTION 126

TABLE 110 ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY REGION, 2021-2028 (USD MILLION) 126

10.2 NORTH AMERICA 126

FIGURE 27 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET SNAPSHOT 127

TABLE 111 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 127

TABLE 112 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION) 128

TABLE 113 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION) 128

TABLE 114 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 129

TABLE 115 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION) 129

TABLE 116 NORTH AMERICA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION) 129

10.2.1 US 130

10.2.1.1 Increasing approvals of INAAT products to drive market growth 130

TABLE 117 US: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION) 130

TABLE 118 US: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION) 131

TABLE 119 US: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 131

TABLE 120 US: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION) 132

TABLE 121 US: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION) 132

10.2.2 CANADA 132

10.2.2.1 Growing demand for molecular diagnostic kits to boost adoption of INAAT 132

TABLE 122 CANADA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION) 133

TABLE 123 CANADA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION) 133

TABLE 124 CANADA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 134

TABLE 125 CANADA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION) 134

TABLE 126 CANADA: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION) 134

10.2.3 NORTH AMERICA: RECESSION IMPACT 135

10.3 EUROPE 135

TABLE 127 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY COUNTRY, 2021-2028 (USD MILLION) 136

TABLE 128 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION) 136

TABLE 129 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION) 137

TABLE 130 EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION) 137

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TABLE 131□EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□138

TABLE 132□EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□138

10.3.1□GERMANY□138

10.3.1.1□Germany to dominate European isothermal nucleic acid amplification technology market during forecast period□138

TABLE 133□GERMANY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)□139

TABLE 134□GERMANY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)□140

TABLE 135□GERMANY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION)□140

TABLE 136□GERMANY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□141

TABLE 137□GERMANY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□141

10.3.2□UK□141

10.3.2.1□Growing adoption of INAAT products to support market growth in UK□141

TABLE 138□NUMBER OF BLOOD DONATIONS IN UK, 2016-2020□142

TABLE 139□UK: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)□142

TABLE 140□UK: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)□143

TABLE 141□UK: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION)□143

TABLE 142□UK: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□144

TABLE 143□UK: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□144

10.3.3□FRANCE□144

10.3.3.1□Established blood screening regulations to boost growth□144

TABLE 144□HIV DATA FOR FRANCE, 2021□145

TABLE 145□FRANCE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)□145

TABLE 146□FRANCE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)□145

TABLE 147□FRANCE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION)□146

TABLE 148□FRANCE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□146

TABLE 149□FRANCE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□146

10.3.4□ITALY□147

10.3.4.1□Favorable government initiatives for blood transfusion to support growth□147

TABLE 150□HIV DATA FOR ITALY, 2021□147

TABLE 151□ITALY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)□148

TABLE 152□ITALY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)□148

TABLE 153□ITALY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD

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MILLION)□149

TABLE 154□ITALY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□149

TABLE 155□ITALY: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□149
10.3.5□SPAIN□150

10.3.5.1□Growing demand for diagnostic testing in Spain to favor market growth□150

TABLE 156□HIV DATA FOR SPAIN, 2021□150

TABLE 157□SPAIN: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)□151

TABLE 158□SPAIN: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)□151

TABLE 159□SPAIN: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION)□152

TABLE 160□SPAIN: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□152

TABLE 161□SPAIN: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□152

10.3.6□REST OF EUROPE□153

TABLE 162□REST OF EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY PRODUCT, 2021-2028 (USD MILLION)□153

TABLE 163□REST OF EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY TECHNOLOGY, 2021-2028 (USD MILLION)□154

TABLE 164□REST OF EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY APPLICATION, 2021-2028 (USD MILLION)□154

TABLE 165□REST OF EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET FOR DISEASE DIAGNOSIS APPLICATIONS, BY TYPE, 2021-2028 (USD MILLION)□155

TABLE 166□REST OF EUROPE: ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY MARKET, BY END USER, 2021-2028 (USD MILLION)□155

10.3.7□EUROPE: RECESSION IMPACT□155

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