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Africa Malaria Diagnostics Market Size, Share & Trends Analysis Report By Technology (Rapid Diagnostic Tests, Microscopy, Molecular Diagnostic Tests), By End-use (Hospitals & Clinics, Diagnostic Laboratories), By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Africa Malaria Diagnostics Market Growth & Trends

The Africa malaria diagnostics market size is anticipated to reach USD 498.12 million by 2030 and is projected to grow at a CAGR of 2.60% from 2024 to 2030, according to a new report by Grand View Research, Inc. The market growth is attributed to the high burden of malaria in the region, driving the demand for effective diagnostic tools. Government initiatives and funding for control programs also play a significant role. The introduction of innovative and more accurate diagnostic technologies, as well as efforts to improve healthcare infrastructure and access to diagnostic services, are driving market growth. In addition, partnerships between governments, NGOs, and international organizations are promoting the adoption of diagnostic tests, further fueling market growth.

Malaria, being endemic to Africa, necessitates the development of translational campaigns and strategies by the government to resonate with citizens and achieve malaria elimination. The African Union's (AU) 'Zero Malaria Starts With Me' campaign exemplifies this approach. It is a grassroots campaign that mobilizes community members to personalize prevention and increase awareness. A crucial aspect is the

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encouragement of political prioritization of malaria elimination by countries significantly affected, as political leaders play a pivotal role in government policies, decisions, and budgets. The campaign also engages private businesses to contribute resources and provide support to malaria elimination efforts. Launched in Senegal in 2014, the campaign gained traction, leading to its adoption by other African countries in July 2018. This adaptation of the 'zero malaria' agenda to local contexts demonstrates African countries' commitment to achieving maximum impact. The campaign has evolved from a national strategy to a pan-African movement, fostering political engagement, private sector involvement, and community participation in malaria elimination goals. In less than a decade since its inception, various African countries have implemented practical actions and strategies to drive progress toward elimination.

The significant burden of malaria in sub-Saharan Africa necessitates a substantial effort to eliminate the disease. A global response to combat malaria, involving organizations such as WHO, the United Nations International Children's Fund (UNICEF), the United Nations Development Programme (UNDP), and the World Bank, led to the establishment of the Roll Back Malaria (RBM) partnership in 1998. Collaborating with WHO's Global Technical Strategy (GTS) for Malaria 2016–2030, the RBM partnership aims to reduce the incidence and mortality of malaria by 90% by 2030 compared to 2015 levels. The GTS aims to certify 35 countries as malaria-free and prevent the re-establishment of malaria in these countries within the designated period.

The rising demand for Point-Of-Care (POC) diagnostics for malaria in Africa highlights the critical need for rapid and accurate diagnosis to combat the disease effectively. The current standard diagnostic method, the thick drop technique, is simple and cost-effective but often yields inaccurate results, especially in cases of mixed infections or low parasitemia. Although PCR-based tests offer improved accuracy, their requirement for large and sensitive equipment makes them unsuitable for POC settings. To address these challenges, there has been a surge in the development of POC diagnostic tests for malaria, leveraging molecular methods and innovative strategies. These advancements, including new platforms, miniaturization techniques, and multiplexing capabilities, hold significant promise for enhancing disease diagnostics by enabling fast and accurate detection, even in remote areas where access to healthcare infrastructure is limited.

Africa Malaria Diagnostics Market Report Highlights

- Rapid diagnostic tests dominated the technology segment in 2023 and are anticipated to grow at the fastest CAGR over the forecast period owing to the

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affordability, ease of use, and ability to deliver quick results without the need for specialized equipment or skilled personnel

The microscopy segment is anticipated to grow at a significant CAGR over the forecast period. Microscopy is a well-established technique that provides reliable results when performed by skilled technicians. Despite the emergence of rapid diagnostic tests (RDTs) and molecular diagnostics, microscopy remains the gold standard for malaria diagnosis in many settings

The hospitals & clinics segment dominated the end-use segment in 2023 and is anticipated to witness the fastest CAGR over the forecast period. The development of innovative diagnostic technologies, such as highly sensitive and specific RDTs, has contributed to market growth

Nigeria dominated the market in 2023 owing to factors such as favorable government initiatives

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Contents

CHAPTER 1. METHODOLOGY AND SCOPE

1.1. Market Segmentation & Scope
1.2. Segment Definitions
  1.2.1. Technology
  1.2.2. End-use
  1.2.3. Country scope
  1.2.4. Estimates and forecasts timeline
1.3. Research Methodology
1.4. Information Procurement
  1.4.1. Purchased database
  1.4.2. GVR's internal database
  1.4.3. Secondary sources
  1.4.4. Primary research
  1.4.5. Details of primary research
    1.4.5.1. Data for primary interviews in Nigeria
    1.4.5.2. Data for primary interviews in South Africa
    1.4.5.3. Data for primary interviews in United Republic of Tanzania
1.5. Information or Data Analysis
  1.5.1. Data analysis models
1.6. Market Formulation & Validation
1.7. Model Details
  1.7.1. Commodity flow analysis (Model 1)
  1.7.2. Approach 1: Commodity flow approach
  1.7.3. Volume price analysis (Model 2)
  1.7.4. Approach 2: Volume price analysis
1.8. List of Secondary Sources
1.9. List of Primary Sources
1.10. Objectives

CHAPTER 2. EXECUTIVE SUMMARY

2.1. Market Outlook
2.2. Segment Outlook
  2.2.1. Technology and end-use outlook
  2.2.2. Country outlook
2.3. Competitive Insights

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CHAPTER 3. AFRICA MALARIA DIAGNOSTICS MARKET VARIABLES, TRENDS & SCOPE

3.1. Market Lineage Outlook
3.1.1. Parent market outlook
3.1.2. Related/ancillary market outlook
3.2. Market Dynamics
3.2.1. Market Driver Analysis
3.2.1.1. Increasing demand for diagnostic tools in malaria-endemic countries
3.2.1.2. Government initiatives to curb the burden of malaria
3.2.1.3. Initiatives by market players and private investors to curb the prevalence of malaria
3.2.1.4. Increasing demand for point-of-care diagnostics
3.2.2. Market Restraint Analysis
3.2.2.1. Lack of skilled professionals
3.2.2.2. Approval of malaria vaccine
3.3. Africa Malaria Diagnostics Market Analysis Tools
3.3.1. Industry Analysis - Porter's
3.3.1.1. Supplier power
3.3.1.2. Buyer power
3.3.1.3. Substitution threat
3.3.1.4. Threat of new entrant
3.3.1.5. Competitive rivalry
3.3.2. PESTEL Analysis
3.3.2.1. Political landscape
3.3.2.2. Technological landscape
3.3.2.3. Economic landscape
3.3.3. Pricing Analysis

CHAPTER 4. AFRICA MALARIA DIAGNOSTICS MARKET: TECHNOLOGY ESTIMATES & TREND ANALYSIS

4.1. Africa Malaria Diagnostics Market: Technology Dashboard
4.2. Africa Malaria Diagnostics Market: Technology Movement Analysis
4.3. Africa Malaria Diagnostics Market by Technology, Revenue
4.4. Africa Malaria Diagnostics Market by Technology, Volume
4.5. Rapid Diagnostic Tests
4.5.1. Rapid diagnostics tests market estimates and forecasts 2018 to 2030 (USD

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Million)
4.6. Microscopy
4.6.1. Microscopy market estimates and forecasts 2018 to 2030 (USD Million)
4.7. Molecular Diagnostic Tests
4.7.1. Molecular diagnostics tests market estimates and forecasts 2018 to 2030 (USD Million)
4.7.2. Conventional PCR market estimates and Forecasts 2018 to 2030 (USD Million)
4.7.2.1. Market estimates and forecasts 2018 to 2030 (USD Million)
4.7.3. Real-Time PCR market estimates and forecasts 2018 to 2030 (USD Million)
4.7.3.1. Market estimates and forecasts 2018 to 2030 (USD Million)

CHAPTER 5. AFRICA MALARIA DIAGNOSTICS MARKET: END-USE ESTIMATES & TREND ANALYSIS

5.1. Africa Malaria Diagnostics Market: End-use Dashboard
5.2. Africa Malaria Diagnostics Market: End-use Movement Analysis
5.3. Africa Malaria Diagnostics Market by End-use, Revenue
5.4. Hospitals & Clinics
5.4.1. Hospitals & Clinics market estimates and forecasts 2018 to 2030 (USD Million)
5.5. Diagnostic Laboratories
5.5.1. Diagnostic Laboratories market estimates and forecasts 2018 to 2030 (USD Million)
5.6. Academic and Research Institutes
5.6.1. Academic and Research Institutes market estimates and forecasts 2018 to 2030 (USD Million)

CHAPTER 6. AFRICA MALARIA DIAGNOSTICS MARKET: REGIONAL ESTIMATES & TREND ANALYSIS BY TECHNOLOGY AND END-USE

6.1. Country Dashboard
6.2. Market Size & Forecasts Trend Analysis, 2018 to 2030
6.3. Africa
6.3.1. Nigeria
6.3.1.1. Key country dynamics
6.3.1.2. Regulatory framework/ reimbursement structure
6.3.1.3. Competitive scenario
6.3.1.4. Nigeria market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.2. Democratic Republic of The Congo
6.3.2.1. Key country dynamics

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6.3.2.2. Regulatory framework/ reimbursement structure
6.3.2.3. Competitive scenario
6.3.2.4. Democratic Republic of The Congo market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.3. United Republic of Tanzania
6.3.3.1. Key country dynamics
6.3.3.2. Regulatory framework/ reimbursement structure
6.3.3.3. Competitive scenario
6.3.3.4. United Republic of Tanzania market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.4. Uganda
6.3.4.1. Key country dynamics
6.3.4.2. Regulatory framework/ reimbursement structure
6.3.4.3. Competitive scenario
6.3.4.4. Uganda market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.5. South Africa
6.3.5.1. Key country dynamics
6.3.5.2. Regulatory framework/ reimbursement structure
6.3.5.3. Competitive scenario
6.3.5.4. South Africa market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.6. Mozambique
6.3.6.1. Key country dynamics
6.3.6.2. Regulatory framework/ reimbursement structure
6.3.6.3. Competitive scenario
6.3.6.4. Mozambique market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.7. Angola
6.3.7.1. Key country dynamics
6.3.7.2. Regulatory framework/ reimbursement structure
6.3.7.3. Competitive scenario
6.3.7.4. Angola market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.8. Ghana
6.3.8.1. Key country dynamics
6.3.8.2. Regulatory framework/ reimbursement structure
6.3.8.3. Competitive scenario
6.3.8.4. Ghana market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.9. Botswana
6.3.9.1. Key country dynamics
6.3.9.2. Regulatory framework/ reimbursement structure
6.3.9.3. Competitive scenario

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6.3.9.4. Botswana market estimates and forecasts, 2018 to 2030 (USD Million)
6.3.10. Namibia
6.3.10.1. Key country dynamics
6.3.10.2. Regulatory framework/ reimbursement structure
6.3.10.3. Competitive scenario
6.3.10.4. Namibia market estimates and forecasts, 2018 to 2030 (USD Million)

CHAPTER 7. COMPETITIVE LANDSCAPE

7.1. Recent Developments & Impact Analysis, By Key Market Participants
7.2. Company/Competition Categorization
7.3. Vendor Landscape
7.3.1. List of key distributors and channel partners
7.3.2. Key customers
7.3.3. Key company market share analysis, 2023
7.3.4. Abbott
7.3.4.1. Company overview
7.3.4.2. Financial performance
7.3.4.3. Product benchmarking
7.3.4.4. Strategic initiatives
7.3.5. Bio-Rad Laboratories, Inc.
7.3.5.1. Company overview
7.3.5.2. Financial performance
7.3.5.3. Product benchmarking
7.3.5.4. Strategic initiatives
7.3.6. Premier Medical
7.3.6.1. Company overview
7.3.6.2. Financial performance
7.3.6.3. Product benchmarking
7.3.6.4. Strategic initiatives
7.3.7. Sysmex Corporation
7.3.7.1. Company overview
7.3.7.2. Financial performance
7.3.7.3. Product benchmarking
7.3.7.4. Strategic initiatives
7.3.8. Zephyr Biomedicals - A Division of Tulip Diagnostics Ltd, India
7.3.8.1. Company overview
7.3.8.2. Financial performance
7.3.8.3. Product benchmarking

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7.3.8.4. Strategic initiatives
7.3.9. SHERLOCK BIOSCIENCES
7.3.9.1. Company overview
7.3.9.2. Financial performance
7.3.9.3. Product benchmarking
7.3.9.4. Strategic initiatives
7.3.10. Eiken Chemical Co., Ltd.
7.3.10.1. Company overview
7.3.10.2. Financial performance
7.3.10.3. Product benchmarking
7.3.10.4. Strategic initiatives
7.3.11. ARKRAY, Inc.
7.3.11.1. Company overview
7.3.11.2. Financial performance
7.3.11.3. Product benchmarking
7.3.11.4. Strategic initiatives
7.3.12. Meril Life Sciences Pvt. Ltd.
7.3.12.1. Company overview
7.3.12.2. Financial performance
7.3.12.3. Product benchmarking
7.3.12.4. Strategic initiatives
7.3.13. SD Biosensor, Inc.,
7.3.13.1. Company overview
7.3.13.2. Financial performance
7.3.13.3. Product benchmarking
7.3.13.4. Strategic initiatives
7.3.14. Advy Chemical Private Limited
7.3.14.1. Company overview
7.3.14.2. Financial performance
7.3.14.3. Product benchmarking
7.3.14.4. Strategic initiatives

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List Of Tables

LIST OF TABLES

Table 1 List of abbreviations
Table 2 Africa malaria diagnostics market, by region, 2018 - 2030 (USD Million)
Table 3 Africa malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 4 Africa malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 5 Nigeria malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 6 Nigeria malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 7 Democratic Republic of The Congo malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 8 Democratic Republic of The Congo malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 9 Uganda malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 10 Uganda malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 11 United Republic of Tanzania malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 12 United Republic of Tanzania malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 13 South Africa malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 14 South Africa malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 15 Mozambique malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 16 Mozambique malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 17 Angola malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 18 Angola malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 19 Ghana malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 20 Ghana malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 21 Botswana malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 22 Botswana malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)
Table 23 Namibia malaria diagnostics market, by technology, 2018 - 2030 (USD Million)
Table 24 Namibia malaria diagnostics market, by end-use, 2018 - 2030 (USD Million)

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List Of Figures

LIST OF FIGURES

Fig. 1 Market research process
Fig. 2 Data triangulation techniques
Fig. 3 Primary research pattern
Fig. 4 Primary interviews in Nigeria
Fig. 5 Primary interviews in South Africa
Fig. 6 Primary interviews in United Republic of Tanzania
Fig. 7 Market research approaches
Fig. 8 Value-chain-based sizing & forecasting
Fig. 9 QFD modeling for market share assessment
Fig. 10 Market formulation & validation
Fig. 11 Africa Malaria Diagnostics market: market outlook
Fig. 12 Africa Malaria Diagnostics competitive insights
Fig. 13 Parent market outlook
Fig. 14 Related/ancillary market outlook
Fig. 15 Africa Malaria Diagnostics Market Driver Impact
Fig. 16 Africa Malaria Diagnostics market restraint impact
Fig. 17 Africa Malaria Diagnostics market: Technology movement analysis
Fig. 18 Africa Malaria Diagnostics market: Technology outlook and key takeaways
Fig. 19 Rapid diagnostic tests market estimates and forecast, 2018 - 2030 (USD Million)
Fig. 20 Microscopy estimates and forecast, 2018 - 2030 (USD Million)
Fig. 21 Molecular Diagnostics estimates and forecast, 2018 - 2030 (USD Million)
Fig. 22 Conventional PCR estimates and forecast, 2018 - 2030 (USD Million)
Fig. 23 Real-Time PCR estimates and forecast, 2018 - 2030 (USD Million)
Fig. 24 Africa Malaria Diagnostics market: End-use movement analysis
Fig. 25 Africa Malaria Diagnostics market: End-use Outlook and Key Takeaways
Fig. 26 Hospitals & Clinics market estimates and forecast, 2018 - 2030 (USD Million)
Fig. 27 Diagnostic Laboratories estimates and forecast, 2018 - 2030 (USD Million)
Fig. 28 Academic and Research Institutes market estimates and forecast, 2018 - 2030 (USD Million)
Fig. 29 Africa Malaria Diagnostics market: Regional movement analysis
Fig. 30 Africa Malaria Diagnostics market: Regional outlook and key takeaways
Fig. 31 Africa Malaria Diagnostics market share and leading players
Fig. 32 Africa, by country
Fig. 33 Africa market estimates and forecasts, 2018 - 2030 (USD Million)

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Fig. 34 Nigeria key country dynamics
Fig. 35 Nigeria market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 36 Democratic Republic of The Congo key country dynamics
Fig. 37 Democratic Republic of The Congo market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 38 United Republic of Tanzania key country dynamics
Fig. 39 United Republic of Tanzania market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 40 Uganda key country dynamics
Fig. 41 Uganda market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 42 South Africa key country dynamics
Fig. 43 South Africa market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 44 Mozambique key country dynamics
Fig. 45 Mozambique market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 46 Angola key country dynamics
Fig. 47 Angola market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 48 Ghana key country dynamics
Fig. 49 Ghana market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 50 Botswana key country dynamics
Fig. 51 Botswana market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 52 Namibia key country dynamics
Fig. 53 Namibia market estimates and forecasts, 2018 - 2030 (USD Million)
Fig. 54 Market share of key market players- Africa Malaria Diagnostics market

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