

# **Malaria Diagnostics Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Technology (Molecular Diagnostic Tests, Rapid Diagnostic Test, Others), By End User (Hospitals & Clinics, Diagnostic Centers, Home care, Others), By Region and By Competition**

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## **Abstracts**

Global malaria diagnostics market is anticipated to grow at a rapid pace in the forecast period, 2024-2028. This is attributed to the growing government fundings, increase in research and development activities (R&D), and rise in the number of people suffering from malaria across the world. Malaria is a life-threatening disease caused by the Plasmodium parasite, which is transmitted to humans through the bite of infected female Anopheles mosquitoes. It is a major public health concern, particularly in tropical and subtropical regions, where the conditions are favorable for mosquito breeding and malaria transmission. The Malaria diagnostic market plays a critical role as it ensures the early and accurate diagnosis of malaria. Also, the malaria diagnostics helps to ensure that the patient is receiving the appropriate treatment, preventing the overuse of drugs, providing important disease surveillance data, and reducing the spread of malaria.

Moreover, the global malaria diagnostics market is driven by the high prevalence of malaria in many regions of the world, particularly in sub-Saharan Africa, where malaria is a major public health concern. According to the World Health Organization (WHO), there were approximately 247 million cases of malaria reported worldwide in 2021, out of which 6,19,000 number of malaria deaths were estimated. The WHO African Region carries a disproportionately large amount of the worldwide malaria burden. In 2021, the Region witnessed 95% of malaria cases and 96% of malaria deaths.

In addition to these, there are several other factors which are supporting the growth of the global malaria diagnostics market such as increasing technological advancements, rising demand for diagnostic tools for malaria, increased awareness, and other government initiatives. For instance, in 2022, the Ministry of Health and Family Welfare of India launched a campaign named Jan Abhiyaans with log bhaagidari (people's participation) to enthuse and engage people and communities to ensure that their neighborhoods, premises, and homes for vector control and elimination.

### High Prevalence of Malaria

Increasing prevalence of malaria across the world is influenced by various factors, including the presence of the mosquito vector that transmits the parasite, environmental factors that support mosquito breeding, access to effective malaria prevention and control measures, and the level of immunity to the disease in the population. Therefore, to reduce the prevalence of malaria, it is essential to implement effective malaria control strategies, such as early diagnosis and prompt treatment of malaria cases. The growing prevalence of malaria can influence the demand and uptake of malaria diagnostic tests, which in turn, is expected to bolster the growth of the global malaria diagnostic market in the upcoming years. Rapid diagnostic tests (RDTs) and microscopy are commonly used to diagnose malaria, and accurate diagnosis is essential for effective disease management and control.

In areas with a high prevalence of malaria, the demand for these diagnostic tests can be particularly high, as healthcare providers strive to diagnose and treat as many cases as possible. Therefore, the growing occurrences of malaria across the globe are influencing the growth of the global malaria diagnostic market. According to the World Health Organization's 2021 report, approximately 50% of global malaria fatalities were attributed to just four African nations: Nigeria (31.3%), the Democratic Republic of the Congo (12.6%), United Republic of Tanzania (4.1%), and Niger (3.9%).

### Increasing Investments and Technological Advancements

Global malaria diagnostic market has seen significant growth in recent years, and this can largely be attributed to the high prevalence of malaria in many countries. As the demand for malaria diagnostic tests increases, companies that produce these tests are expanding their operations and investing in research and development to improve the accuracy, sensitivity, and cost-effectiveness of their products. The high burden of malaria in many countries has driven the growth of the malaria diagnostic market. This

high prevalence of malaria has led to a significant demand for malaria diagnostic tests, including rapid diagnostic tests (RDTs) and microscopy. In response to this demand, many companies have invested in the production and distribution of malaria diagnostic tests. These tests have become increasingly accessible in many countries, including those with a high burden of malaria. Companies producing malaria diagnostic tests have also focused on improving the accuracy, sensitivity, and cost-effectiveness of their products, making them more attractive to healthcare providers in resource-limited settings. Also, the growth of the global malaria diagnostic market has also been driven by technological advancements in diagnostic technologies. For example, there has been a significant shift towards the use of molecular diagnostic tests, such as polymerase chain reaction (PCR) tests, which can provide more accurate and sensitive results than traditional microscopy and RDTs. These new technologies are improving the accuracy of malaria diagnosis and helping to reduce the burden of the disease in many countries. In addition, another promising development in the field of malaria diagnostics is the use of artificial intelligence (AI) and machine learning (ML) algorithms to improve the accuracy and speed of malaria diagnosis. These tools can analyze large datasets of malaria cases to identify patterns and predict disease outbreaks, helping to inform public health interventions. Also, increase in research and development activities are done in order to develop new malaria diagnostic tools, such as biosensors and nanotechnology-based tests, which have the potential to improve the speed, sensitivity, and specificity of malaria diagnosis. These advancements as well as the introduction of novel malaria diagnostic techniques are expected to drive the growth of the global malaria diagnostic market in the forthcoming years.

### Increasing Government Funding

Increasing government funding is another important factor driving the growth of the global malaria diagnostics market. Many governments, particularly in malaria-endemic countries, are investing in malaria control and elimination programs. This includes funding for the development and distribution of diagnostic tests, which has helped to drive growth in the malaria diagnostics market. Government funding has been instrumental in expanding access to malaria diagnostics, particularly in low-resource settings where malaria is most prevalent. Governments are often key stakeholders in the fight against malaria, and they play a critical role in financing and implementing malaria control programs. For example, the Global Fund to Fight AIDS, Tuberculosis and Malaria, which is a partnership between governments, civil society, and the private sector, has played a significant role in funding malaria control programs in many countries. The funding provided by governments has been used to develop new diagnostic technologies, improve the distribution of existing tests, and increase access

to diagnostics in remote and low-resource settings. For example, some governments have invested in the development of new, more accurate and cost-effective rapid diagnostic tests (RDTs), which are particularly useful in resource-limited settings where traditional diagnostic methods may not be feasible. In addition, government funding has helped to support public health campaigns and education programs that emphasize the importance of malaria diagnosis and treatment. These programs can help to raise awareness about the benefits of early diagnosis and treatment, which can help to reduce the burden of malaria and improve health outcomes.

## Market Segmentation

Global malaria diagnostics market is segmented into technology, end user, company, and region. Based on technology, the global malaria diagnostics market is segmented into molecular diagnostics tests, rapid diagnostic tests, and others. Based on end user, the global Malaria diagnostics market is divided into hospitals & clinics, diagnostic centers, home care, and others. In terms of region, the Middle East & Africa dominated the global malaria diagnostics market on account of the increasing research & development activities along with an increase in the number of people suffering from malaria.

## Market Players

Access Bio., Inc., Abbott Laboratories, Inc., bioMérieux SA, Altona Diagnostics GmbH, Bio-Rad Laboratories, Inc., AdvaCare Pharma, Meril Life Sciences Pvt. Ltd., Advy Chemical Pvt. Ltd, Premier Medical Corporation Pvt. Ltd., and ARKRAY, Inc. are some of the major leading players of the global malaria diagnostics market.

## Report Scope:

In this report, global malaria diagnostics market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### Global Malaria Diagnostics Market, By Technology:

Molecular Diagnostic Tests

Rapid Diagnostic Test

Others

### Global Malaria Diagnostics Market, By End User:

Hospitals & Clinics

Diagnostic Centers

Home Care

Others

### Global Malaria Diagnostics Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Italy

Spain

Asia-Pacific

India

Japan

South Korea

Australia

Vietnam

Indonesia

Myanmar

South America

Brazil

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Egypt

Turkey

Nigeria

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global malaria diagnostics market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a

*Malaria Diagnostics Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segment...*

company's specific needs. The following customization options are available for the report:

#### Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

1. Product Overview
  - 1.1. Market Definition
  - 1.2. Scope of the Market
    - 1.2.1. Markets Covered
    - 1.2.2. Years Considered for Study
    - 1.2.3. Key Market Segmentations

## **2. RESEARCH METHODOLOGY**

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

## **3. EXECUTIVE SUMMARY**

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

## **4. VOICE OF CUSTOMER**

## **5. GLOBAL MALARIA DIAGNOSTICS MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Technology (Molecular Diagnostics Tests, Rapid Diagnostic Tests, and Others)
  - 5.2.2. By End User (Hospitals & Clinics, Diagnostic Centers, Home Care, and Others)
  - 5.2.3. By Company (2022)



#### 5.2.4. By Region

## 6. NORTH AMERICA MALARIA DIAGNOSTICS MARKET OUTLOOK

### 6.1. Market Size & Forecast

#### 6.1.1. By Value

### 6.2. Market Share & Forecast

#### 6.2.1. By Technology

#### 6.2.2. By End User

#### 6.2.3. By Country

### 6.3. North America: Country Analysis

#### 6.3.1. United States Malaria Diagnostics Market Outlook

##### 6.3.1.1. Market Size & Forecast

###### 6.3.1.1.1. By Value

##### 6.3.1.2. Market Share & Forecast

###### 6.3.1.2.1. By Technology

###### 6.3.1.2.2. By End User

#### 6.3.2. Canada Malaria Diagnostics Market Outlook

##### 6.3.2.1. Market Size & Forecast

###### 6.3.2.1.1. By Value

##### 6.3.2.2. Market Share & Forecast

###### 6.3.2.2.1. By Technology

###### 6.3.2.2.2. By End User

#### 6.3.3. Mexico Malaria Diagnostics Market Outlook

##### 6.3.3.1. Market Size & Forecast

###### 6.3.3.1.1. By Value

##### 6.3.3.2. Market Share & Forecast

###### 6.3.3.2.1. By Technology

###### 6.3.3.2.2. By End User

## 7. EUROPE MALARIA DIAGNOSTICS MARKET OUTLOOK

### 7.1. Market Size & Forecast

#### 7.1.1. By Value

### 7.2. Market Share & Forecast

#### 7.2.1. By Technology

#### 7.2.2. By End User

#### 7.2.3. By Country

### 7.3. Europe: Country Analysis

- 7.3.1. France Malaria Diagnostics Market Outlook
  - 7.3.1.1. Market Size & Forecast
    - 7.3.1.1.1. By Value
  - 7.3.1.2. Market Share & Forecast
    - 7.3.1.2.1. By Technology
    - 7.3.1.2.2. By End User
- 7.3.2. Germany Malaria Diagnostics Market Outlook
  - 7.3.2.1. Market Size & Forecast
    - 7.3.2.1.1. By Value
  - 7.3.2.2. Market Share & Forecast
    - 7.3.2.2.1. By Technology
    - 7.3.2.2.2. By End User
- 7.3.3. United Kingdom Malaria Diagnostics Market Outlook
  - 7.3.3.1. Market Size & Forecast
    - 7.3.3.1.1. By Value
  - 7.3.3.2. Market Share & Forecast
    - 7.3.3.2.1. By Technology
    - 7.3.3.2.2. By End User
- 7.3.4. Italy Malaria Diagnostics Market Outlook
  - 7.3.4.1. Market Size & Forecast
    - 7.3.4.1.1. By Value
  - 7.3.4.2. Market Share & Forecast
    - 7.3.4.2.1. By Technology
    - 7.3.4.2.2. By End User
- 7.3.5. Spain Malaria Diagnostics Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Technology
    - 7.3.5.2.2. By End User

## **8. ASIA-PACIFIC MALARIA DIAGNOSTICS MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Technology
  - 8.2.2. By End User
  - 8.2.3. By Country

- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. India Malaria Diagnostics Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Technology
      - 8.3.1.2.2. By End User
  - 8.3.2. Japan Malaria Diagnostics Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Technology
      - 8.3.2.2.2. By End User
  - 8.3.3. South Korea Malaria Diagnostics Market Outlook
    - 8.3.3.1. Market Size & Forecast
      - 8.3.3.1.1. By Value
    - 8.3.3.2. Market Share & Forecast
      - 8.3.3.2.1. By Technology
      - 8.3.3.2.2. By End User
  - 8.3.4. Australia Malaria Diagnostics Market Outlook
    - 8.3.4.1. Market Size & Forecast
      - 8.3.4.1.1. By Value
    - 8.3.4.2. Market Share & Forecast
      - 8.3.4.2.1. By Technology
      - 8.3.4.2.2. By End User
  - 8.3.5. Vietnam Malaria Diagnostics Market Outlook
    - 8.3.5.1. Market Size & Forecast
      - 8.3.5.1.1. By Value
    - 8.3.5.2. Market Share & Forecast
      - 8.3.5.2.1. By Technology
      - 8.3.5.2.2. By End User
  - 8.3.6. Indonesia Malaria Diagnostics Market Outlook
    - 8.3.6.1. Market Size & Forecast
      - 8.3.6.1.1. By Value
    - 8.3.6.2. Market Share & Forecast
      - 8.3.6.2.1. By Technology
      - 8.3.6.2.2. By End User
  - 8.3.7. Myanmar Malaria Diagnostics Market Outlook
    - 8.3.7.1. Market Size & Forecast

8.3.7.1.1. By Value

8.3.7.2. Market Share & Forecast

8.3.7.2.1. By Technology

8.3.7.2.2. By End User

## **9. SOUTH AMERICA MALARIA DIAGNOSTICS MARKET OUTLOOK**

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Technology

9.2.2. By End User

9.2.3. By Country

9.3. South America: Country Analysis

9.3.1. Brazil Malaria Diagnostics Outlook

9.3.1.1. Market Size & Forecast

9.3.1.1.1. By Value

9.3.1.2. Market Share & Forecast

9.3.1.2.1. By Technology

9.3.1.2.2. By End User

9.3.2. Colombia Malaria Diagnostics Market Outlook

9.3.2.1. Market Size & Forecast

9.3.2.1.1. By Value

9.3.2.2. Market Share & Forecast

9.3.2.2.1. By Technology

9.3.2.2.2. By End User

## **10. MIDDLE EAST & AFRICA MALARIA DIAGNOSTICS MARKET OUTLOOK**

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Technology

10.2.2. By End User

10.2.3. By Country

10.3. MEA: Country Analysis

10.3.1. South Africa Malaria Diagnostics Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

- 10.3.1.2. Market Share & Forecast
  - 10.3.1.2.1. By Technology
  - 10.3.1.2.2. By End User
- 10.3.2. Saudi Arabia Malaria Diagnostics Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Technology
    - 10.3.2.2.2. By End User
- 10.3.3. UAE Malaria Diagnostics Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Technology
    - 10.3.3.2.2. By End User
- 10.3.4. Egypt Malaria Diagnostics Market Outlook
  - 10.3.4.1. Market Size & Forecast
    - 10.3.4.1.1. By Value
  - 10.3.4.2. Market Share & Forecast
    - 10.3.4.2.1. By Technology
    - 10.3.4.2.2. By End User
- 10.3.5. Turkey Malaria Diagnostics Market Outlook
  - 10.3.5.1. Market Size & Forecast
    - 10.3.5.1.1. By Value
  - 10.3.5.2. Market Share & Forecast
    - 10.3.5.2.1. By Technology
    - 10.3.5.2.2. By End User
- 10.3.6. Nigeria Malaria Diagnostics Market Outlook
  - 10.3.6.1. Market Size & Forecast
    - 10.3.6.1.1. By Value
  - 10.3.6.2. Market Share & Forecast
    - 10.3.6.2.1. By Technology
    - 10.3.6.2.2. By End User

## **11. MARKET DYNAMICS**

11.1. Drivers

11.2. Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

## **13. COMPETITIVE LANDSCAPE**

- 13.1. Access Bio., Inc.
- 13.2. Abbott Laboratories, Inc.
- 13.3. bioMérieux SA
- 13.4. Altona Diagnostics GmbH
- 13.5. Bio-Rad Laboratories, Inc.
- 13.6. AdvaCare Pharma
- 13.7. Meril Life Sciences Pvt. Ltd.
- 13.8. Advy Chemical Pvt. Ltd
- 13.9. Premier Medical Corporation Pvt. Ltd.
- 13.10. ARKRAY, Inc.

## **14. STRATEGIC RECOMMENDATIONS**

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