

India Malaria Diagnostics Market By Technology (Molecular Diagnostic Tests, Rapid Diagnostic Test, Others), By End User (Hospitals & Clinics, Diagnostic Centers, Home care, Others), Region, Competition, Forecast & Opportunities, 2018-2028F

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Abstracts

India Malaria Diagnostics Market is anticipated to register a remarkable CAGR between 2024 and 2028. The high rate of malaria, the rising cost of healthcare, and the increase in R&D activities, among others are driving the growth of India Malaria Diagnostics Market. In recent years, India has witnessed an ongoing increase in the number of malaria cases, with a significant portion of the population at risk. To stop the spread of the disease, the Indian government has been actively encouraging the use of diagnostic tools for malaria. In order to encourage the use of malaria diagnoses, the National Vector Borne Disease Control Programme (NVBDCP) has been implementing several strategies into place, such as distributing rapid diagnostic tests (RDTs) to healthcare facilities all across the nation. This in turn is expected to support the growth of India Malaria Diagnostics Market.

The development of more precise and dependable diagnostics for malaria has been facilitated by technological advancements. In comparison to older diagnostic procedures like microscopy and RDTs, more recent diagnostic procedures like PCR and Loop-Mediated Isothermal Amplification (LAMP) are more sensitive and specific. As a result, there is a rising need for these more recent diagnostic tests in India. With a focus on enhancing access to healthcare in rural regions, India has recently made significant investments in its healthcare infrastructure. This has increased the number of medical facilities in the nation, which has in turn increased the demand for diagnostics for malaria.

In India, awareness of the importance of malaria treatment and early detection has grown. Numerous public health campaigns and activities meant to inform the public about the condition have led to this. As a result, more individuals are looking for diagnostic tests for malaria, which has helped the malaria diagnostics market in India expand.

The market for malaria diagnostics is seeing an increase in the use of point-of-care testing (POCT). Rapid malaria diagnosis and treatment are made possible by POCT, which is crucial in rural settings with potentially restricted access to diagnostic facilities. In the upcoming years, POCT devices should become more widely available, supporting the market's expansion. In India's market for malaria diagnostics, the private sector is investing more and more. The rising incidence of malaria in the nation and the rising demand for precise and dependable malaria diagnostics are just two of the causes driving this expenditure. By encouraging innovation and facilitating easier access to malaria diagnostics, this private sector investment is anticipated to assist market expansion.

In India, people are becoming more and more conscious of the significance of early malaria diagnosis and treatment. Public health campaigns and educational initiatives are fueling this awareness and helping to boost demand for malaria tests. As a result, the market is anticipated to expand in the upcoming years as more people seek malaria diagnostic tests.

Rapid diagnostic tests (RDTs) are a new advancement in malaria diagnoses in India. Within 15 to 20 minutes, these tests can identify the presence of malaria parasites in a patient's blood. RDTs can be utilised even in distant locations where conventional microscopy might not be available because they are simple to use, don't need any specialised equipment, and are portable. Additionally, RDTs are an efficient method for diagnosing malaria because of their high sensitivity and specificity.

However, the growth of the Indian market for malaria diagnostics is being hampered by a number of concerns. These difficulties include a lack of knowledge, excessive costs, a shortage of competent workers, inadequate infrastructure, and strict regulatory laws. For many people in India, the cost of malaria diagnostics can be a significant barrier to access. Rapid diagnostic tests (RDTs), a type of affordable diagnostic test, are one option, however their accuracy and dependability cannot be guaranteed in all cases. More precise diagnostic tests, such those based on PCR, might be pricey and may not be within the means of many people. The usage and dissemination of malaria diagnostics in India may be hampered by infrastructure issues such inadequate storage

facilities, poor road networks, and restricted access to energy. For instance, several diagnostic procedures demand refrigeration, which may not be feasible in places with poor electricity supply.

Growing Prevalence of Malaria

India's growing malaria prevalence is predicted to increase demand for malaria diagnostics market. There will be a larger need for precise and trustworthy diagnostic tests as more people develop the illness, in order to make sure that patients receive the right care. The Indian market for malaria diagnostics is anticipated to increase as a result in the upcoming years. India accounts for 3% of the world's malaria burden, according to the 2019 World Malaria Report. India has the highest rate of malaria in the SEA area, although compared to 2017, there were 49% less cases and 50.5% less fatalities due to the disease. The incidence of malaria has decreased significantly in India during the past few years. The good news is that India's malaria incidence has been seeing a spectacular reduction, with cases estimated to have fallen by 24% in 2017 compared to 2016 and 28% in 2018 compared to 2017. This decline was also noted in the World Malaria Report.

India has made great strides towards eliminating malaria in recent years, with the official malaria load falling by about 66% between 2018 and 2022. Even though this progress is commendable, there is still a long way to go before malaria is completely eradicated because the majority of the disease's burden in WHO's South-East Asia area still falls on India.

The rising incidence of malaria in India is projected to increase demand for diagnostic tests for the disease as well as encourage investment in their development. Because there is such a sizable and expanding market for malaria diagnostics, there is a sizable opportunity for businesses to create cutting-edge diagnostic technologies that can assist in overcoming the difficulties connected with malaria diagnosis in India. This could involve creating new point-of-care diagnostic tests that can be applied in environments with limited resources or creating new molecular diagnostic assays with enhanced sensitivity and specificity.

Technological Advancements

The technological advancements related to malaria diagnostics in India have had a significant impact on the growth of the India malaria diagnostics market in recent years and are expected to continue to influence its growth in the coming years. For instance, a

Tata Trusts programme called India Health Fund (IHF), which focuses on infectious disease health outcomes, has announced financing for two platform technologies that may be used to diagnose a variety of diseases. The technologies being financed include a fever panel to identify dengue, chikungunya, and malaria, as well as microscope-independent AI-enabled diagnosis software that can be used to identify a variety of diseases. They were created by Ameliorate Biotech Pvt Ltd and Medprime Technologies, respectively.

Market Segmentation

India Malaria Diagnostics Market can be segmented by technology, by end user, and by region. Based on technology, the India Malaria Diagnostics Market can be divided into Molecular diagnostic tests, Rapid Diagnostic Test, and Others. Based on End User, the India Malaria Diagnostics Market is divided into Hospitals & Clinics, Diagnostic Centers, Home care, and Others. Based on region, the India Malaria Diagnostics Market is divided into North, South, West and East India.

Market Players

Bio-Rad Laboratories Inc., Abbott Laboratories, Roche Diagnostics India Pvt Ltd, Hologic, Inc., Access Bio Inc, Becton Dickinson India Private Limited, Siemens Healthineers AG, Meridian Bioscience, Inc., Sysmex India Private Limited is some of the leading players operating in the India Malaria Diagnostics Market.

Report Scope:

In this report, India Malaria Diagnostics Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

India Malaria Diagnostics Market, By Technique:

Molecular diagnostic tests

Rapid Diagnostic Test

Others

India Malaria Diagnostics Market, By End User:

Hospitals & Clinics

Diagnostic Centers

Home care

Others

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India Malaria Diagnostics Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

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

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