

Malaysia Kidney Function Test Market, By Type (Urine Tests, Blood Tests), By Component (Dipsticks, Reagents, Kits & Assays, and Others), By End User (Hospitals & Clinics, Diagnostic Laboratories, and Others), By Region, Competition, Forecast and Opportunities, 2028

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Abstracts

Malaysia kidney function test market is anticipated to grow significantly in the projected period of 2024-2028. The increasing prevalence of chronic kidney diseases in Malaysia is one of the key factors driving the growth of the Malaysia kidney function test market. Chronic kidney diseases are a common health problem in Malaysia, among the adult population. The rising incidence of chronic kidney diseases has increased the demand for kidney function tests in the country. Another factor driving the market growth is the increasing awareness among the Malaysian population about the importance of early detection and management of kidney diseases. The primary cause of tuberculosis, which is most frequently caused by respiratory infections, is the type of bacteria. When an infected person cough, sneeze, or spit, it spreads via the air. It is possible to prevent and treat tuberculosis. A person if infected but not yet ill cannot spread the disease. Antibiotics are typically used to treat TB disease, which can be lethal if left untreated. The government and private healthcare organizations are taking initiatives to promote the early detection and management of chronic kidney diseases, which is further boosting the demand for kidney function tests.

Another key driver of the Malaysia Kidney Function Test market is the rising prevalence of diabetes in the country. Unhealthy diets, sedentary lifestyles, obesity, and genetic predisposition are some of the factors contributing to the high diabetes prevalence in Malaysia. Diabetes raises the likelihood of both failure and death as well as death and

relapse, in tuberculosis patients. There is the necessity of paying more attention to diabetes-related tuberculosis treatment, which may include testing for diabetes suspicion, better glucose management, and increased clinical and therapeutic monitoring leading to the growth of Malaysia kidney function test market. According to the National Health and Morbidity Survey 2019 (NHMS 2019), 49% of Malaysians with diabetes had never undergone testing or received a diagnosis. Also, the prevalence of kidney disorders is more among the geriatric population, and rising population of aged people leads to the huge demand for the Malaysia kidney function test market. As individuals age, the risk of developing chronic kidney disease increases. Hence, as a person's age increases, regular monitoring of their kidney function gets more important. This has led to a surge in demand for kidney function tests, which has consequently led to an increase in the number of diagnostic laboratories and medical facilities offering these tests. According to Economic and Social Commission for Asia and the Pacific (ESCAP), as of 2023, the population aged 60+ is 4,043 which is almost about 11.8% of the total population. Malaysia will be an 'aged society' by 2044, when 14% of the population is predicted to be over 65 and by 2056 Malaysia will be a 'super-aged society' with more than 20% of the population being over 65.

Rising Prevalence of Kidney Disorders is Booming the Malaysia Kidney Function Test Market

Kidney disorders are becoming increasingly common in Malaysia, with factors such as a sedentary lifestyle, unhealthy diet, and aging population contributing to the rising incidence of kidney disease. As a result, the demand for kidney function tests is expected to surge in the coming years, leading to a growth in the Malaysia kidney function test market. Conditions that harm kidneys and lessen their capacity to keep people healthy by filtering waste from blood are included in chronic kidney disease. Waste can accumulate at high levels in the blood and make a person feel ill if kidney health worsens. The risk of developing heart and blood vessel disease is increased by kidney disease. These issues may develop gradually over a long period of time. Often, chronic kidney disease can be prevented from getting worse by early detection and treatment leading to the growth of Malaysia kidney function test market. As kidney disease worsens, kidney failure may develop, which calls for dialysis or a kidney transplant to stay alive. One of the key factors driving the growth of the Malaysia kidney function test market is the high prevalence of diabetes and hypertension in the country. These two conditions are leading causes of kidney disease and can go undetected for years, leading to irreversible damage to the kidneys. Regular kidney function tests can help detect early signs of kidney disease, allowing for prompt intervention and management. In addition, the aging population in Malaysia is contributing to the rising

incidence of kidney disease. As people age, the risk of developing kidney disease increases, and regular kidney function tests become more important. According to the Department of Statistics Malaysia (DoSM), the proportion of Malaysia's population over the age of 65 increased as well, from 5% in 2010 to 6.8% in 2020 and by 2050, more than 15% of Malaysia's population would be over the age of 65. The growing awareness about the importance of kidney function tests and the availability of advanced diagnostic technologies are driving the Malaysia Kidney Function Test Market.

Rising Technological Advancements Leads to Rising Demand for Kidney Function Test.

One of the most common chronic illnesses is kidney disease, which frequently worsens diabetes, heart disease, and obesity. Innovative technology and recent developments in biomedical research have made it possible to study kidney disease on many different platforms and in relation to human populations, leading to the expansion of the Malaysia kidney function test market. The rapid pace of technological advancements in healthcare is driving the growth of the Malaysia kidney function test market. According to the International Trade Administration, The Ministry of Health (MOH) has received \$7.7 billion from the government for operating and development costs.

Kidney function tests are a crucial aspect of diagnosing and monitoring kidney diseases, and technological advancements have led to the development of more accurate and efficient tests. The Malaysia kidney function test market is expected to experience significant growth in the coming years as a result of these advancements. Technological advancements have led to the development of more accurate and efficient kidney function tests. For example, the introduction of automated immunoassay systems has significantly improved the accuracy and speed of testing. These systems use advanced technologies such as chemiluminescence and fluorescence to measure the levels of various markers in the blood, which can provide a more accurate diagnosis of kidney diseases, hence augmenting the growth of the Malaysia kidney function test market. In addition to improved accuracy, technological advancements have led to the development of point-of-care testing (POCT) devices, which can provide results in minutes. These devices are particularly useful in remote areas where access to laboratory facilities is limited. POCT devices are portable, easy to use, and require only a small amount of blood, making them ideal for use in resource-limited settings. The adoption of electronic health records (EHRs) has contributed to the growth of the Malaysia kidney function test market. EHRs allow healthcare providers to access patient information quickly and easily, which can improve the accuracy and speed of diagnosis and treatment. EHRs allow for the integration of laboratory results, which can provide a more comprehensive view of a patient's health status, which is expected to grow the

Malaysia kidney function test market. Another factor driving the growth of the Malaysia kidney function test market is the increasing focus on preventive healthcare. Preventive healthcare involves early diagnosis and intervention to prevent the progression of diseases. Kidney function tests are an essential component of preventive healthcare, as they can detect early signs of kidney disease and allow for timely intervention.

According to a study published in the Journal of the American Medical Association (JAMA), the incidence of chronic kidney disease (CKD) in Malaysia is approximately 8.8%, which is higher than the global average of 7.2%.

Market Segmentation

Malaysia kidney function test market is segmented based on type, component, end user, and company. Based on type, Malaysia kidney function test market is divided into urine tests and blood tests. Based on component, Malaysia kidney function test market is categorized into dipsticks, reagents, kits & assays, and others. Based on end user, Malaysia kidney function test market is categorized into hospitals & clinics, diagnostic laboratories and others. Based on region, the Malaysia kidney function test market is segmented into the east Malaysia and west Malaysia.

Company Profiles

Siemens Healthcare Private Limited, Pfizer Inc, Abbott Laboratories, Inc, Danaher Corporation, bioMérieux Malaysia Sdn Bhd, and Astrazeneca Sdn. Bhd. are some of the key players of Malaysia kidney function test market.

Report Scope:

In this report, the Malaysia kidney function test market has been segmented into the following categories, in addition to the industry trends, which have also been detailed below:

Malaysia Kidney Function Test Market, By Type:

Urine Tests

Blood Tests

Malaysia Kidney Function Test Market, By Component:

Dipsticks

Reagents

Kits & Assays

Others

Malaysia Kidney Function Test Market, By End User:

Hospitals & Clinics

Diagnostic Laboratories

Others

Malaysia Kidney Function Test Market, By Region:

The East Malaysia

The West Malaysia

Competitive landscape

Company Profiles: Detailed analysis of the major companies in Malaysia kidney function test 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:

Company Information

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

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