



NephroTest®

Kidney Damage

Early Detection Biomarker

Kidney Damage

Why Should It Be Detected Early?

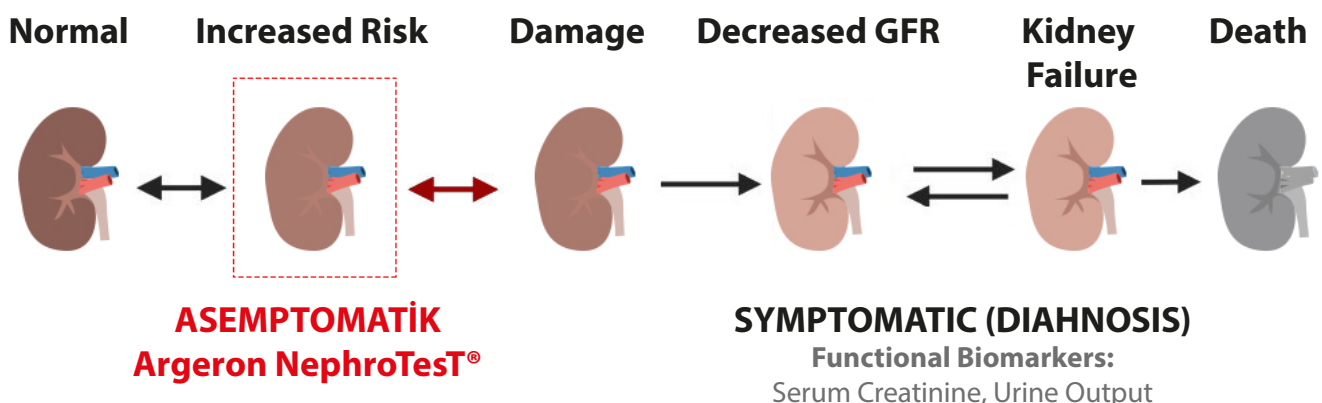
Early detection of kidney damage ensures that the damage is prevented before it becomes irreversible and permanent. In addition, it ensures that the patient is followed more closely, the cause of damage is terminated early if possible and a safe intervention is started instead, the necessary supportive treatments are applied to reverse the damage, and thus permanent kidney damage is prevented.

Kidney Damage

How Can It Be Detected Early?

Early detection of kidney damage is possible with Argeron NephroTest, a biomarker (test) that can show kidney damage when it is in the asymptomatic stage. In healthy people, the enzyme trehalase is present in the proximal tubules of the kidneys. Along with the damage to the kidneys, an increase in the trehalase enzyme activity is observed in the urine. Increasing trehalase breaks down the trehalose contained in the NephroTest kit into glucose and glucose is released. The higher the amount of glucose, the higher the Trehalase activity and the greater the extent of the damage.

Trehalase activity with NephroTest in a healthy person is <math><2\text{ U/L}</math>. increased activity damage evaluated in its favour.



Argeron NephroTest

Why should it be done?

Kidney damage is difficult to detect without the use of biomarkers such as Argeron NephroTest, as it does not cause any complaints in the early stage. Feeling healthy doesn't mean we don't have a health problem. Early diagnosis provides an opportunity to take action. Thanks to the early detection of kidney damage, the elimination of the factor causing the damage or early treatment can prevent the progression of the damage.

Some painkillers/fever-reducing drugs, some antibiotics, exposure to heavy metals, some unconsciously used food supplements and phytotherapy products, some radiocontrast agents used for imaging (MR, tomography, etc.), traumas, some acute and chronic diseases (diabetes, hypertension, COVID-19 etc.) and the drugs used for their treatment and many interventions and lifestyles, including surgery, can cause acute kidney injury. Even if acute kidney damage does not cause serious problems in the early period, it may increase the susceptibility to cardiovascular diseases in the long term.

Argeron NephroTest can be used for screening, diagnosis and follow-up including Check-Up. knows.

Argeron NephroTest

By Which Medical Units

Is it used?

Argeron NephroTest can be used by all medical units, as prevention, screening, diagnosis, treatment and follow-up services within the scope of all fields of medicine may be directly or indirectly related to or affect the kidneys.

Some Example Clinical Conditions

- Nephrotoxic drug use
- Excessive fluid loss
- Surgery
- Heart disease
- Bleeding
- Exposure to toxins
- Diabetes

Sample Type and

What are the Storage Conditions?

The sample type is urine. Midstream urine should be collected into the urine collection container. The urine sample, which will not be measured within 24 hours, can be stored in a storage container or a capped urine tube for 2 weeks at +4°C or longer at -20°C to -80°C.

Argeron Medikal Arařtırma Sanayi ve Ticaret Anonim Őirketi

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