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MICROBIOLOGICAL LABORATORY

MICROBES SINCE 1977

Anti PLA2R

The Only Specific Serological Marker

A **Milestone** in the Diagnosis of **MGN**

Primary Membranous Glomerulonephritis (MGN) is the most frequent kidney disorder with nephritic syndrome and also is a chronic inflammatory disease of the renal corpuscle (glomeruli), which is accompanied by a progressive reduction in kidney function.

Membranous Nephropathy (MN) is a disease in which immune complexes deposit at the glomerular basement membrane, causing damage to the filtration barrier, resulting in Proteinuria. Recent studies have shown that in approximately 70% of patients with primary MN (pMN), the immune complexes consist of autoantibodies against the podocyte protein M-type Phospholipase A2 Receptor (PLA2R). There is also evidence that levels of Anti-PLA2R autoantibodies correlate well with disease activity and progression. The presence of Anti-PLA2R antibodies could also potentially be used to differentiate pMN from other causes of nephrotic syndrome if a biopsy is not possible. Among patients with Chronic Kidney Disease (CKD) awaiting Kidney transplantation, higher levels of Anti-PLA2R could predict those more likely to recur after transplantation.

High sensitivity and maximal specificity for membranous nephropathy

Test Information

Test Information Test Information Test Information Test Information Test Information

Test Name : **Anti PLA2R**

Test Code : **01727**

Sample : **Serum**

Method : **Elisa**

Schedule : **Monday & Thursday**

Result On : **Next Day**

VERSION 1.0
June 19, 2017

80%

SYMPTOM

MGN Patients suffer from nephrotic syndrome with sometimes severe oedema in the legs and eye lids, weight gain and reduced urination

20%

SYMPTOM

MGN Patients have proteinuria without any additional symptoms.

70%

SYMPTOM

MGN Patients show normal blood pressure and kidney function at the oneset of the disease.