

Membranous Nephropathy Target Antigen Identification, Mass Spectrometry, Tissue

Test ID: MSMN

Useful for:

Identification of antigen in membranous nephropathy

Reflex Tests:

Test ID	Reporting Name	Available Separately	Always Performed
MNLCP	Microdissection, Laser Capture, MN	No (Bill Only)	No
MSMNT	Mass Spectrometry, MN TC	No (Bill Only)	No

Testing Algorithm:

Requests for this test are reviewed by a Mayo Clinic renal pathologist prior to testing. After review of the submitted pathology report, electron microscopy images, phospholipase A2 receptor (PLA2R) staining results, and paraffin block, testing will proceed. If PLA2R results are not available, the pathologist may contact the ordering healthcare professional for the results or for additional specimen (frozen material/slides) to conduct the studies at Mayo Clinic Laboratories.

Methods:

Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

Reference Values:

An interpretive report will be provided.

Necessary Information:

The following information is required. Testing will not proceed without this information.

1. Preliminary pathology report and clinical history
2. Immunofluorescence (IF) slides (or IF images via external storage device)
3. Electron microscopy (EM) images (via external storage device)

If the phospholipase A2 receptor stain status has not yet been determined, a frozen IF block or frozen unstained slides are also required [see test PLAIF - Phospholipase A2 Receptor (PLA2R), Renal Biopsy].

Specimen Requirements:**Specimen Type:** Kidney tissue**Supplies:** Pathology Packaging Kit (T554)**Container/Tube:** Formalin-fixed, paraffin-embedded block**Additional Information:** Do not send fixed tissue slides. Testing can only be done on paraffin-embedded tissue blocks.**Specimen Stability Information:**

Specimen Type	Temperature	Time
Special	Ambient (preferred)	
	Refrigerated	

CPT Code:

82542

88380

Day(s) Performed: Monday through Friday**Report Available:** 7 to 15 days**Questions**

Contact Steven Monson, Laboratory Resource Coordinator at 800-533-1710.