



MN Target Antigen ID, LC MS, Ts

MSMN

PATIENT NAME SOFTVALIDATION, MSMN				CASE NUMBER CR-24-990	ORDER NUMBER O822000153
PATIENT ID SA00172999	DATE OF BIRTH 03/15/1988	AGE AT COLLECTION 36 Y	SEX Female	REQUESTED BY CLIENT CLIENT	
COLLECTED 11/21/2024, 08:14	RECEIVED 11/22/2024, 08:22	REPORTED 11/22/2024, 08:28			
The collected, received, and reported dates and times on the report are in the time zone of the performing location.				CLIENT ORDER NUMBER SA00172999	
				CLIENT MRN SA00172999	

INTERPRETATION

Kidney, needle biopsy for membranous nephropathy mass spectrometry (SP-24-456; 11/21/2024):

MASS SPECTROMETRY

Liquid chromatography tandem mass spectrometry (LC MS/MS) was performed on peptides extracted from glomeruli that were microdissected from the paraffin-embedded specimen.

LC MS/MS did not detect a peptide profile consistent with any of the following antigens: PLA2R, THSD7A, EXT1/EXT2, NELL1, SEMA3B, CNTN1, NCAM1, PCSK6, PCDH7, FAT1 or NDNF.

Sent-in electron photomicrographs and the outside pathology report are reviewed to confirm the diagnosis of membranous nephropathy.

This result should be interpreted in the appropriate clinical context for e.g. autoimmune diseases, tumors, hematopoietic stem cell transplant (HSCT), infections, polyneuropathies, and drugs such as lipoic acid and non-steroidal anti-inflammatory drugs.

REPORT ELECTRONICALLY SIGNED BY

KELLI STROUP

MATERIAL RECEIVED

A. SP-24-456: Kidney
1 block

DISCLAIMER

This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Code : MCR Laboratory : Mayo Clinic Laboratories - Rochester Main Campus

Lab Director : NIKOLA A BAUMANN

PHD

CLIA Certificate : 24D0404292

Address : 200 FIRST STREET SW

ROCHESTER MN 55905

PATIENT NAME SOFTVALIDATION, MSMN

CR-24-990



PATIENT NAME	SOFTVALIDATION, MSMN	CASE NUMBER	CR-24-990
PATIENT ID	SA00172999	ORDER NUMBER	O822000153

