

Patient ID C7028846-0005114	Patient Name TEST, CIDP	Birth Date 1964-02-19	Sex M	Age 58
Order Number X100392152	Client Order Number X100392152	Ordering Physician unkdr	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 27 Jun 2022 09:00		

CIDP/NP Evaluation, S

CIDP/NP Interpretation, S

MCR

Seropositivity for both Neurofascin-155 IgG4 and Contactin-1 IgG is consistent with an immune-mediated demyelinating polyradiculoneuropathy/polyradiculopathy. Contactin-1 IgG is also associated with co-existing membranous nephropathy. These antibodies have been reported to be associated with limited IVIG response. These results should be interpreted in the appropriate clinical context.

- References: Shelly S, Klein CJ, Dyck PJB, et al. Neurofascin-155 Immunoglobulin Subtypes: Clinicopathologic Associations and Neurologic Outcomes. *Neurology*. 2021;97(24):e2392-e2403.
- Querol L, Nogales-Gadea G, Rojas-Garcia R, et al: Neurofascin IgG4 antibodies in CIDP associate with disabling tremor and poor response to IVIg. *Neurology*. 2014 Mar 11;82(10):879–886
- Dubey D, Honorat JA, Shelly S, et al. Contactin-1 autoimmunity: Serologic, neurologic, and pathologic correlates. *Neurol Neuroimmunol Neuroinflamm*. 2020;7(4):e771.
- Le Quintrec M, Teisseyre M, Bec N, et al. Contactin-1 is a novel target antigen in membranous nephropathy associated with chronic inflammatory demyelinating polyneuropathy. *Kidney Int*. 2021;100(6):1240–9.

Result Name	Result	Unit	Reference Value	Performing Site
 Contactin-1 IgG CBA, S 	Positive		Negative	 MCR

Received: 29 Jun 2022 12:04

Reported: 29 Jun 2022 12:19

CIDP/NP Evaluation, S

Result Name	Result	Unit	Reference Value	Performing Site
 Neurofascin-155 IgG4, S 	Positive		Negative	 MCR

Received: 29 Jun 2022 12:04

Reported: 29 Jun 2022 12:19

Laboratory Notes

-  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.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292