

Patient ID C7028846-0006091	Patient Name GAES, ABNORMAL	Birth Date 1990-10-30	Sex M	Age 33
Order Number X100469608	Client Order Number X100469608	Ordering Physician UNKNOWN,PROVIDER	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 22 Jul 2024 09:00		

Ganglioside Antibodies Eval, S

Ganglioside Antibodies Interpretation, S

MCR

These results are consistent with an immune mediated demyelinating neuropathy and correlation with clinical electrodiagnostic features is emphasized. GQ1b (IgG) antibodies occur in Miller-Fisher, Fisher-Bickerstaff, pharyngeal cervical-brachial variant Guillain-Barre syndromes having variably present demyelinating neuropathy, ophthalmoplegia, ataxia, brainstem features with encephalitis and less commonly other neurogenic conditions.

- References Odaka, M., Yuki, N., and Hirata, K. (2001). Anti-GQ1b IgG antibody syndrome: Clinical and immunological range. Journal of Neurology, Neurosurgery and Psychiatry, 70(1), 50–55. [PMID: 11118240]
- Shahrizaila, N., and Yuki, N. (2013). Bickerstaff brainstem encephalitis and Fisher syndrome: Anti-GQ1B antibody syndrome. Journal of Neurology, Neurosurgery and Psychiatry. [PMID: 24052504]

Result Name	Result	Unit	Reference Value	Performing Site
 GQ1b-IgG ELISA, S 	Positive		Negative	 MCR
IgG Disialo. GD1b	Negative		Negative	 MCR
IgM Disialo. GD1b	Negative		Negative	 MCR
IgG Monos. GM1	Negative		Negative	 MCR
IgM Monos. GM1	Negative		Negative	 MCR

Received: 23 Jul 2024 09:15

Reported: 23 Jul 2024 09:23

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	Nikola Baumann Ph.D.	24D0404292