

Patient ID SA00167934	Patient Name EPS2, ABNORMAL2	Birth Date 2000-01-01	Sex F	Age 24
Order Number SA00167934	Client Order Number SA00167934	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Apr 2024 12:00		

Epilepsy, Autoimm/Paraneo, S

Epilepsy, Interpretation, S

MCR

The following antibody was identified: Phosphodiesterase 10A (PDE10A)-IgG.

- This profile supports a diagnosis of neurological autoimmunity.
- Considerations include autoimmune movement disorders and encephalitis. A paraneoplastic basis should be considered. Considerations include various carcinomas.
- References:
- Zekeridou et al. Phosphodiesterase 10A IgG -a novel biomarker of paraneoplastic neurologic autoimmunity. Neurology. 2019; 93:e815-e822. doi:10.1212/WNL.0000000000007971

IFA Notes

MCR

None.

Result Name	Result	Unit	Reference Value	Performing Site
 PDE10A Ab IFA, S	Reactive		Negative	1 MCR
Tissue based immunofluorescence screening was reactive, confirmation by antigen-specific reflex to follow. A reactive result indicates an immunofluorescence pattern suggestive of this antibody specificity, but confirmatory testing is necessary before being finalized.				
AMPA-R Ab CBA, S	Negative		Negative	1 MCR
Amphiphysin Ab, S	Negative		Negative	1 MCR
AGNA-1, S	Negative		Negative	1 MCR
ANNA-1, S	Negative		Negative	1 MCR
ANNA-2, S	Negative		Negative	1 MCR
ANNA-3, S	Negative		Negative	1 MCR
CASPR2-IgG CBA, S	Negative		Negative	1 MCR
CRMP-5-IgG, S	Negative		Negative	1 MCR
DPPX Ab CBA, S	Negative		Negative	1 MCR
GABA-B-R Ab CBA, S	Negative		Negative	1 MCR
GAD65 Ab Assay, S	0.00	nmol/L	≤ 0.02	1 MCR
GFAP IFA, S	Negative		Negative	1 MCR
LGI1-IgG CBA, S	Negative		Negative	1 MCR
mGluR1 Ab IFA, S	Negative		Negative	1 MCR
Neurochondrin IFA, S	Negative		Negative	1 MCR
NMDA-R Ab CBA, S	Negative		Negative	1 MCR

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

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Result Name	Result	Unit	Reference Value	Performing Site
PCA-2, S	Negative		Negative	① MCR
PCA-Tr, S	Negative		Negative	① MCR
TRIM46 Ab IFA, S	Negative		Negative	① MCR

Received: 19 Apr 2024 12:55

Reported: 19 Apr 2024 15:14

PDE10A Ab IFA Titer, S

Result Name	Result	Unit	Reference Value	Performing Site
  PDE10A Ab IFA Titer, S	Positive 1:240	titer	<1:240	① MCR

Received: 19 Apr 2024 12:55

Reported: 19 Apr 2024 15:13

Laboratory Notes

- ① 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.

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