

Client: Example Client ABC123 123 Test Drive Salt Lake City, UT 84108 UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB	2/1/2002
Gender:	Unknown
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

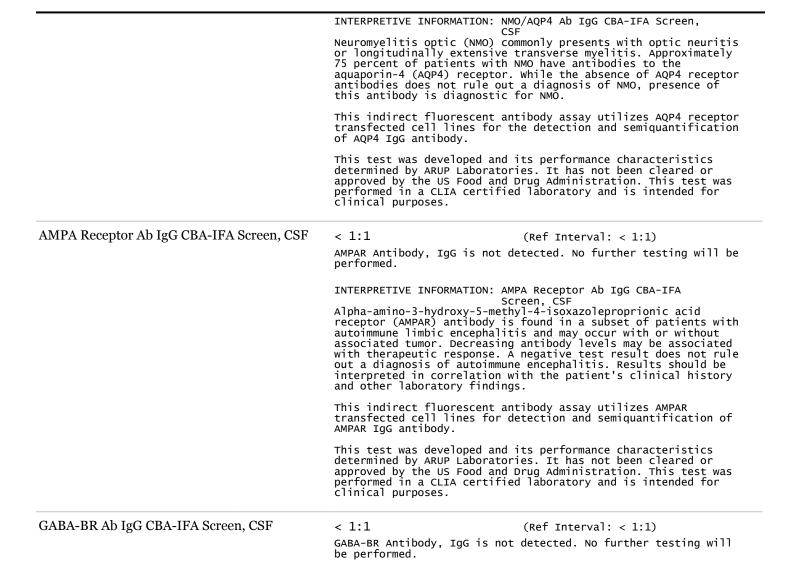
Autoimmune Encephalitis Reflex Panel, CSF

ARUP test code 3006049				
NMDA Receptor Ab IgG CBA-IFA, CSF	< 1:1	(Ref Interval: < 1:1)		
	Antibodies to NMDA were not detected, no additional testing to follow.			
	INTERPRETIVE INFORMATION: NMDA Receptor Ab IgG CBA-IFA, CSF			
	autoimmune limbic associated tumor with therapeutic been reported in negative test res limbic encephalit	ibody is found in a subset of patients with encephalitis and may occur with or without Decreasing antibody levels may be associated response. In addition, positive results have patients with non-autoimmune phenotypes. A ult does not rule out a diagnosis of autoimmune is. Results should be interpreted in the patient's clinical history and other gs.		
	GluN1 transfected	orescent antibody assay utilizes full-length cell lines for the detection and n of NMDA receptor IgG antibody.		
	determined by ARU approved by the U	eloped and its performance characteristics P Laboratories. It has not been cleared or S Food and Drug Administration. This test was IA certified laboratory and is intended for		
NMO/AQP4 Ab IgG CBA-IFA Screen, CSF	< 1:1	(Ref Interval: < 1:1)		
	Aquaporin-4 Recep testing will be p	tor Antibody, IgG is not detected. No further erformed.		

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com 500 Chipeta Way, Salt Lake City, UT 84108-1221 Jonathan R. Genzen, MD, PhD, Laboratory Director



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INTERPRETIVE INFORMATION: GABA-BR Ab IgG CBA-IFA Screen, CSF

Gamma-amino butyric acid receptor, type B (GABA-BR) antibody is found in a subset of patients with autoimmune epilepsy and other autoimmune neurologic phenotypes; it may occur with or without associated tumor. Decreasing antibody levels may be associated with therapeutic response. A negative test result does not rule out a diagnosis of autoimmune neurologic disease. Results should be interpreted in correlation with the patient's clinical history and other laboratory findings.

This indirect fluorescent antibody assay utilizes GABA-BR transfected cell lines for the detection and semiquantification of GABA-BR IgG antibody.

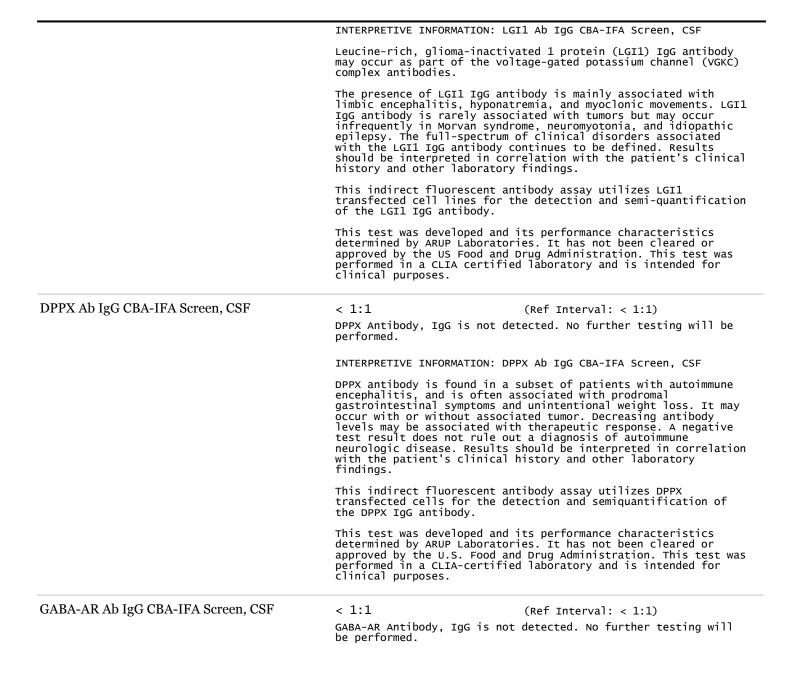
This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

CASPR2 Ab IgG CBA-IFA Screen, CSF < 1:1 (Ref Interval: < 1:1) CASPR2 Antibody, IgG is not detected. No further testing will be performed. INTERPRETIVE INFORMATION: CASPR2 Ab IgG CBA-IFA Screen, CSF Contactin-associated protein-2 (CASPR2) IgG antibody may occur as part of the voltage-gated potassium channel (VGKC) complex antibodies. The presence of CASPR2 IgG antibody is associated with a wide spectrum of clinical manifestations, including acquired neuromyotonia, limbic encephalitis, painful neuropathy, and Morvan syndrome. Tumors such as thymoma, small cell lung cancer, and other rarer tumors may occur. The full-spectrum of clinical disorders and tumors associated with the CASPR2 IgG antibody continues to be defined. Results should be interpreted in correlation with the patient's clinical history and other laboratory findings. This indirect fluorescent antibody assay utilizes CASPR2 transfected cell lines for the detection and semiquantification of the CASPR2 IgG antibody. This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes. LGI1 Ab IgG CBA-IFA Screen, CSF < 1:1 (Ref Interval: < 1:1)

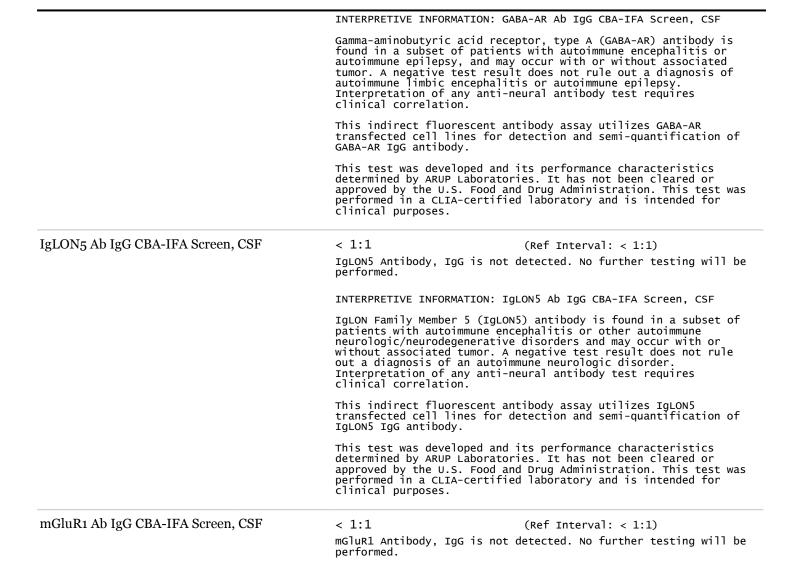
LGI1 Antibody, IgG is not detected. No further testing will be performed.

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ARUP LABORATORIES | 800-522-2787 | aruplab.com 500 Chipeta Way, Salt Lake City, UT 84108-1221 Jonathan R. Genzen, MD, PhD, Laboratory Director Patient: Patient, Example ARUP Accession: 23-241-112453 Patient Identifiers: 01234567890ABCD, 012345 Visit Number (FIN): 01234567890ABCD Page 6 of 7 | Printed: 9/13/2023 2:21:14 PM 4848



VERIFIED/REPORTED DATES					
Procedure	Accession	Collected	Received	Verified/Reported	
NMDA Receptor Ab IgG CBA-IFA, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
NMO/AQP4 Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
AMPA Receptor Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
GABA-BR Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
CASPR2 Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
LGI1 Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
DPPX Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
GABA-AR Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
IgLON5 Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
mGluR1 Ab IgG CBA-IFA Screen, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
Voltage-Gated Potassium Channel Ab, CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	
Glutamic Acid Decarboxylase Antibody CSF	23-241-112453	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00	

END OF CHART

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