

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: 01/01/2017 12:34

Contactin-Associated Protein-2 Antibody Titer, IgG by IFA, CSF (Reflex of CASPR2GCSF Only - Not Orderable by Clients)

ARUP test code 3001989

CASPR2 Ab IgG Titer by IFA, CSF **>1:1280 H (Ref Interval: < 1:1)**
INTERPRETIVE INFORMATION: CASPR2 Ab Titer IgG by IFA, CSF
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

Leucine-Rich, Glioma-Inactivated Protein 1 Antibody Titer, IgG by IFA, CSF (Reflex for LGI1 IGG CSF Only - Not Orderable by Clients)

ARUP test code 3001994

LGI1 Ab IgG Titer by IFA, CSF **>1:1280 H (Ref Interval: < 1:1)**
INTERPRETIVE INFORMATION: LGI1 Ab Titer IgG by IFA, CSF
Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

Voltage-Gated Potassium Channel (VGKC) Complex Antibody Panel with Reflex to Titer, CSF

ARUP test code 3001996

CASPR2 Ab IgG Screen by IFA, CSF **Detected * (Ref Interval: < 1:1)**
CASPR2 Antibody, IgG is detected. Titer results to follow.

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-324-120416
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 3 | Printed: 12/7/2020 11:37:59 AM
4848

INTERPRETIVE INFORMATION: CASPR2 Ab IgG w/Reflex to Titer, 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 contactin-associated protein-2 (CASPR2) transfected cell lines for the detection and semi-quantification of the CASPR2 IgG antibody.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

LGI1 Ab IgG Screen by IFA, CSF

Detected * (Ref Interval: < 1:1)

LGI1 Antibody, IgG is detected. Titer results to follow.

INTERPRETIVE INFORMATION: LGI1 Ab IgG w/Reflex to Titer, CSF

Leucine-rich, glioma-inactivated 1 protein (LGI1) IgG antibody may occur as part of the voltage-gated potassium channel (VGKC) complex antibodies.

The presence of LGI1 IgG antibody is mainly associated with limbic encephalitis, hyponatremia, and myoclonic movements. LGI1 IgG antibody is rarely associated with tumors but may occur infrequently in Morvan syndrome, neuromyotonia, and idiopathic epilepsy. The full-spectrum of clinical disorders associated with the LGI1 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 leucine-rich, glioma-inactivated 1 protein (LGI1) transfected cell lines for the detection and semi-quantification of the LGI1 IgG antibody.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

Voltage-Gated Potassium Channel Ab, CSF

100.0 pmol/L H (Ref Interval: 0.0-1.1)

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-324-120416
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 3 | Printed: 12/7/2020 11:37:59 AM
4848

INTERPRETIVE INFORMATION: Voltage-Gated Potassium Channel (VGKC) Antibody, CSF
Voltage-Gated Potassium Channel (VGKC) antibodies are associated with neuromuscular weakness as found in neuromyotonia (also known as Issacs syndrome) and Morvan syndrome. VGKC antibodies are also associated with paraneoplastic neurological syndromes and limbic encephalitis; however, VGKC antibody-associated limbic encephalitis may be associated with antibodies to leucine-rich, glioma-inactivated 1 protein (LG1) or contactin-associated protein-2 (CASPR2) instead of potassium channel antigens. A substantial number of VGKC-antibody positive cases are negative for LG1 and CASPR2 IgG autoantibodies, not all VGKC complex antigens are known. The clinical significance of this test can only be determined in conjunction with the patient's clinical history and related laboratory testing.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement D: aruplab.com/CS

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CASPR2 Ab IgG Screen by IFA, CSF	19-324-120416	11/20/2019 4:23:00 PM	11/20/2019 4:23:41 PM	11/20/2019 4:50:00 PM
CASPR2 Ab IgG Titer by IFA, CSF	19-324-120416	11/20/2019 4:23:00 PM	11/20/2019 4:50:06 PM	11/20/2019 4:50:00 PM
LG1 Ab IgG Screen by IFA, CSF	19-324-120416	11/20/2019 4:23:00 PM	11/20/2019 4:23:41 PM	11/20/2019 4:50:00 PM
LG1 Ab IgG Titer by IFA, CSF	19-324-120416	11/20/2019 4:23:00 PM	11/20/2019 4:50:06 PM	11/20/2019 4:50:00 PM
Voltage-Gated Potassium Channel Ab, CSF	19-324-120416	11/20/2019 4:23:00 PM	11/20/2019 4:23:41 PM	11/20/2019 4:50:00 PM

END OF CHART

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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 19-324-120416
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 3 of 3 | Printed: 12/7/2020 11:37:59 AM
4848