

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 11/2/1973  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Ganglioside (GM1, GD1b, and GQ1b) Antibodies, IgG and IgM**

ARUP test code 2004998

GM1 Antibody, IgG	<b>83 IV H</b>	(Ref Interval: 0-50)
GM1 Antibody, IgM	<b>80 IV H</b>	(Ref Interval: 0-50)
<p>INTERPRETIVE INFORMATION: Ganglioside (GM1) Antibodies, IgG and IgM</p> <p>29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong positive</p> <p>Ganglioside antibodies are associated with diverse peripheral neuropathies. Elevated antibody levels to ganglioside-monosialic acid (GM1) are associated with motor or sensorimotor neuropathies, particularly multifocal motor neuropathy. Anti-GM1 may occur as IgM (polyclonal or monoclonal) or IgG antibodies. These antibodies may also be found in patients with diverse connective tissue diseases as well as normal individuals. These tests by themselves are not diagnostic and should be used in conjunction with other clinical parameters to confirm disease.</p> <p>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.</p>		
GD1b Antibody, IgG	36 IV	(Ref Interval: 0-50)
GD1b Antibody, IgM	10 IV	(Ref Interval: 0-50)
GQ1b Antibody, IgG	<b>148 IV H</b>	(Ref Interval: 0-50)
GQ1b Antibody, IgM	26 IV	(Ref Interval: 0-50)
<p>INTERPRETIVE INFORMATION: Ganglioside (GD1b and GQ1b) Antibodies, IgG and IgM</p> <p>29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong positive</p> <p>Ganglioside antibodies are associated with diverse peripheral neuropathies. GD1b antibodies are predominantly found in sensory ataxic neuropathy syndrome. GQ1b antibodies are seen in more</p>		

**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

Patient: Patient, Example  
ARUP Accession: 22-010-400948  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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than 80% of patients with Miller-Fisher syndrome and may be elevated in GuillainBarre syndrome patients with ophthalmoplegia. These tests by themselves are not diagnostic and should be used in conjunction with other clinical parameters to confirm disease.

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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
GM1 Antibody, IgG	22-010-400948	1/6/2022 5:20:00 PM	1/12/2022 12:16:45 PM	1/14/2022 10:13:00 AM
GM1 Antibody, IgM	22-010-400948	1/6/2022 5:20:00 PM	1/12/2022 12:16:45 PM	1/14/2022 10:13:00 AM
GD1b Antibody, IgG	22-010-400948	1/6/2022 5:20:00 PM	1/12/2022 12:16:45 PM	1/14/2022 10:13:00 AM
GD1b Antibody, IgM	22-010-400948	1/6/2022 5:20:00 PM	1/12/2022 12:16:45 PM	1/14/2022 10:13:00 AM
GQ1b Antibody, IgG	22-010-400948	1/6/2022 5:20:00 PM	1/12/2022 12:16:45 PM	1/14/2022 10:13:00 AM
GQ1b Antibody, IgM	22-010-400948	1/6/2022 5:20:00 PM	1/12/2022 12:16:45 PM	1/14/2022 10:13:00 AM

END OF CHART

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

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