

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 6/30/2005  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

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

ARUP test code 2004998

GM1 Antibody, IgG	8 IV	(Ref Interval: 0-50)
GM1 Antibody, IgM	5 IV	(Ref Interval: 0-50)
<p><b>INTERPRETIVE INFORMATION:</b> 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	15 IV	(Ref Interval: 0-50)
GD1b Antibody, IgM	5 IV	(Ref Interval: 0-50)
GQ1b Antibody, IgG	11 IV	(Ref Interval: 0-50)
GQ1b Antibody, IgM	5 IV	(Ref Interval: 0-50)
<p><b>INTERPRETIVE INFORMATION:</b> 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:

than 80% of patients with Miller-Fisher syndrome and may be elevated in Guillain-Barre 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	26-030-401894	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
GM1 Antibody, IgM	26-030-401894	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
GD1b Antibody, IgG	26-030-401894	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
GD1b Antibody, IgM	26-030-401894	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
GQ1b Antibody, IgG	26-030-401894	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
GQ1b Antibody, IgM	26-030-401894	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

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  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 26-030-401894  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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