MAYO CLINIC
Mayo Medical Laboratories

Test Definition: GM1B

Ganglioside Antibody Panel, Serum

Reporting Title: Ganglioside Ab Panel, S
Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 1 mL

Specimen Type	Temperature	Time
Serum	Frozen (preferred)	14 days
	Refrigerated	14 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
4412	IgG Monos. GM1	Alphanumeric		45169-0
4413	IgM Monos. GM1	Alphanumeric		44750-8
4414	IgG Asialo. GM1	Alphanumeric		44738-3
4415	IgM Asialo. GM1	Alphanumeric		30200-0
4416	IgG Disialo. GD1b	Alphanumeric		44742-5
4417	IgM Disialo. GD1b	Alphanumeric		44743-3
4418	Comment	Alphanumeric		N/A

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
IGG_M	IgG Monos. GM1	1	83520	Yes	No
IGM_M	IgM Monos. GM1	1	83520	Yes	No
IGG_A	IgG Asialo. GM1	1	83520	Yes	No
IGM_A	IgM Asialo. GM1	1	83520	Yes	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
IGG_D	IgG Disialo. GD1b	1	83520	Yes	No
IGM_D	IgM Disialo. GD1b	1	83520	Yes	No

Reference Values:

99% of Normals Fall at or Below This Titer

IgG monosialo GM1	1:500
IgM monosialo GM1	1:1,000
IgG asialo GM1	1:4,000
IgM asialo GM1	1:4,000
IgG disialo GD1b	1:1,000
IgM disialo GD1b	1:1,000

Borderline Ranges

IgG monosialo GM1	=1:1,000
IgM monosialo GM1	=1:2,000
IgG asialo GM1	=1:8,000
IgM asialo GM1	No borderline range (normal: < or =4,000)
IgG disialo GD1b	No borderline range (normal: < or =1,000)
IgM disialo GD1b	No borderline range (normal: < or =1,000)

Abnormal Results

IgG monosialo GM1	>1:1,000
IgM monosialo GM1	>1:2,000
IgG asialo GM1	>1:8,000
IgM asialo GM1	>1:4,000
IgG disialo GD1b	>1:1,000
IgM disialo GD1b	>1:1,000