

## TEST CHANGE

### Motor Neuropathy Panel

0051225, MSN PAN

#### Specimen Requirements:

##### Patient Preparation:

**Collect:** Serum Separator Tube (SST).

**Specimen Preparation:** Separate from cells ASAP or within 2 hours of collection. Transfer 4 mL serum to an ARUP Standard Transport Tube. (Min: 2 mL)

**Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Plasma, CSF, or other body fluids. Room temperature specimens. Contaminated, heat-inactivated, hemolyzed, severely icteric, or lipemic specimens.

#### Remarks:

**Stability:** Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 1 month

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Quantitative Immunoturbidimetry/Quantitative Capillary Electrophoresis/Qualitative Immunofixation Electrophoresis/Colorimetry

**Performed:** Sun-Sat

**Reported:** 1-8 days

#### Note:

**CPT Codes:** 83516 x7; 82784 x3; 84155; 84165; 86334

**New York DOH Approval Status:** This test is New York DOH approved.

#### Interpretive Data:

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.

Components	Interpretive Data
Asialo-GM1 Antibodies, IgG/IgM	29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong Positive
GM1 Antibodies, IgG/IgM	29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong Positive
GD1a Antibodies, IgG/IgM	29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong Positive
GD1b Antibodies, IgG/IgM	29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong Positive
GQ1b Antibodies, IgG/IgM	29 IV or less: Negative 30-50 IV: Equivocal 51-100 IV: Positive 101 IV or greater: Strong Positive

Reference Interval:

Test Number	Components	Reference Interval		
	Albumin	3.75-5.01 g/dL		
	Alpha 1 Globulin	0.19-0.46 g/dL		
	Alpha 2 Globulin	0.48-1.05 g/dL		
	Beta Globulin	0.48-1.10 g/dL		
	Gamma	0.62-1.51 g/dL		
	Immunoglobulin A			
		Age	Reference Interval (mg/dL)	
		0-2 years	2-126	
		3-4 years	14-212	
		5-9 years	52-226	
		10-14 years	42-345	
		15-18 years	60-349	
		19 years and older	68-408	
	Immunoglobulin G			
		Age	Reference Interval (mg/dL)	
		0-2 years	242-1108	
		3-4 years	485-1160	
		5-9 years	514-1672	
		10-14 years	581-1652	
		15-18 years	479-1433	
		19 years and older	768-1632	
	Immunoglobulin M			
		Age	Reference Interval (mg/dL)	
		0-2 years	21-215	
		3-4 years	26-155	
		5-9 years	26-188	
		10-14 years	47-252	
		15-18 years	26-232	
		19 years and older	35-263	
	Total Protein, Serum	Refer to report. Reference intervals may vary based on instrumentation.		
	Asialo-GM1 Antibodies, IgG/IgM	0-50 IV		
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		29 IV or less	Negative	
		30-50 IV	Equivocal	
		51-100 IV	Positive	
		101 IV or greater	Strong Positive	
	GM1 Antibodies, IgG/IgM	0-50 IV		
	GM1 Antibodies, IgG/IgM			
		29 IV or less	Negative	
		30-50 IV	Equivocal	
		51-100 IV	Positive	
		101 IV or greater	Strong Positive	
	GD1a Antibodies, IgG/IgM	0-50 IV		
	GD1a Antibodies, IgG/IgM			
		29 IV or less	Negative	
		30-50 IV	Equivocal	
		51-100 IV	Positive	
		101 IV or greater	Strong Positive	
	GD1b Antibodies, IgG/IgM	0-50 IV		
	GD1b Antibodies, IgG/IgM			
		29 IV or less	Negative	
		30-50 IV	Equivocal	
		51-100 IV	Positive	
		101 IV or greater	Strong Positive	
	GQ1b Antibodies, IgG/IgM	0-50 IV		
	GQ1b Antibodies, IgG/IgM			
		29 IV or less	Negative	
		30-50 IV	Equivocal	
		51-100 IV	Positive	
		101 IV or greater	Strong Positive	
	SGPG Antibody, IgM	Less than 1.00 IV		
	MAG Antibody, IgM Elisa	Less than 1000 TU		
	<b>Monoclonal Protein</b>	<b><u>&lt;=0.00 g/dL</u></b>		

