

HOTLINE: Effective February 16, 2021

2007967

**Motor and Sensory Neuropathy Evaluation with Immunofixation Electrophoresis and Reflex to Titer and Neuronal Immunoblot**

MSNCR

**Methodology:** Semi-Quantitative Enzyme-Linked Immunosorbent Assay/Semi-Quantitative Indirect Fluorescent Antibody/Qualitative Immunoblot/Quantitative **Immunoturbidimetry**/Quantitative Capillary Electrophoresis/Qualitative Immunofixation Electrophoresis/Quantitative Spectrophotometry

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

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 5 mL serum to an ARUP Standard Transport Tube. (Min: 2.5 mL)

Storage/Transport Temperature: Refrigerated

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

Stability (collection to initiation of testing): Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 1 month

**Reference Interval:**

Test Number	Components	Reference Interval
	Albumin	3.75-5.01 g/dL
	Alpha-1 Globulins	0.19-0.46 g/dL
	Alpha-2 Globulins	0.48-1.05 g/dL
	Beta Globulins	0.48-1.10 g/dL
	Gamma	0.62-1.51 g/dL
0050340	Immunoglobulin A	Effective February 16, 2021 0-2 years: 2-126 mg/dL 3-4 years: 14-212 mg/dL 5-9 years: 52-226 mg/dL 10-14 years: 42-345 mg/dL 15-18 years: 60-349 mg/dL 19 years and older: 68-408 mg/dL
0050350	Immunoglobulin G	Effective February 16, 2021 0-2 years: 242-1108 mg/dL 3-4 years: 485-1160 mg/dL 5-9 years: 514-1672 mg/dL 10-14 years: 581-1652 mg/dL 15-18 years: 479-1433 mg/dL 19 years and older: 768-1632 mg/dL
0050355	Immunoglobulin M	Effective February 16, 2021 0-2 years: 21-215 mg/dL 3-4 years: 26-155 mg/dL 5-9 years: 26-188 mg/dL 10-14 years: 47-252 mg/dL 15-18 years: 26-232 mg/dL 19 years or older: 35-263 mg/dL
	Total Protein, Serum	August 19, 2019 Refer to Report
	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

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	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
0051284	Sulfate-3-Glucuronyl Paragloboside (SGPG) Antibody, IgM	Less than 1.00 IV		
0051285	Myelin Associated Glycoprotein (MAG) Antibody, IgM	Less than 1000 TU		
2007961	Paraneoplastic Antibodies (PCCA/ANNA) by IFA with Reflex to Titer and Immunoblot	Effective August 17, 2020		
		Test Number	Components	Reference Interval
			Purkinje Cell/Neuronal Nuclear IgG Sern	None Detected
			Neuronal Nuclear Antibody (ANNA) IFA Titer, IgG	Less than 1:10
			Purkinje Cell Antibody, Titer	Less than 1:10
	3002917	Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot, Serum	Refer to report	