

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 Nephelometry/Quantitative Capillary Electrophoresis/Qualitative Immunofixation Electrophoresis/**Quantitative Spectrophotometry**

Specimen Required: 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)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma, CSF, or other body fluids. Contaminated, heat-inactivated, 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, 2016	
		0-30 days: 1-7 mg/dL 1 month: 1-53 mg/dL 2 months: 3-47 mg/dL 3 months: 5-46 mg/dL 4 months: 4-72 mg/dL 5 months: 8-83 mg/dL 6 months: 8-67 mg/dL 7-8 months: 11-89 mg/dL	9-11 months: 16-83 mg/dL 1 year: 14-105 mg/dL 2 years: 14-122 mg/dL 3 years: 22-157 mg/dL 4 years: 25-152 mg/dL 5-7 years: 33-200 mg/dL 8-9 years: 45-234 mg/dL 10 years and older: 68-408 mg/dL
0050350	Immunoglobulin G	Effective February 16, 2016	
		0-30 days: 611-1542 mg/dL 1 month: 241-870 mg/dL 2 months: 198-577 mg/dL 3 months: 169-558 mg/dL 4 months: 188-536 mg/dL 5 months: 165-781 mg/dL 6 months: 206-676 mg/dL 7-8 months: 208-868 mg/dL	9-11 months: 282-1026 mg/dL 1 year: 331-1164 mg/dL 2 years: 407-1009 mg/dL 3 years: 423-1090 mg/dL 4 years: 444-1187 mg/dL 5-7 years: 608-1229 mg/dL 8-9 years: 584-1509 mg/dL 10 years and older: 768-1632 mg/dL
0050355	Immunoglobulin M	Effective February 16, 2016	
		0-30 days: 0-24 mg/dL 1 month: 19-83 mg/dL 2 months: 16-100 mg/dL 3 months: 23-85 mg/dL 4 months: 26-96 mg/dL 5 months: 31-103 mg/dL 6 months: 33-97 mg/dL 7-8 months: 32-120 mg/dL	9-11 months: 39-142 mg/dL 1 year: 41-164 mg/dL 2 years: 46-160 mg/dL 3 years: 45-190 mg/dL 4 years: 41-186 mg/dL 5-7 years: 46-197 mg/dL 8-9 years: 49-230 mg/dL 10 years and older: 35-263 mg/dL
	Total Protein, Serum	Effective 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
	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

HOTLINE: Effective August 19, 2019

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	Test Number	Components	Reference Interval
			Purkinje Cell/Neuronal Nuclear IgG Scrn	None Detected
			Neuronal Nuclear Antibody (ANNA) IFA Titer, IgG	Less than 1:10
		2007963	Purkinje Cell Antibody, Titer Neuronal Nuclear Antibodies (Hu, Ri, Yo) IgG by Immunoblot	Less than 1:10 Refer to report
2007963	Neuronal Nuclear Antibodies (Hu, Ri, Yo) IgG by Immunoblot	None Detected		

CPT Code(s): 83516 x7; 82784 x3; 84155; 84165; 86334; 86255 if reflexed add 83516 and/or 86256

HOTLINE NOTE: There is a clinically significant charting name change associated with this test. Change the charting name for component 0050545 from Total Protein-Electrophoresis to **Total Protein, Serum**.