

HOTLINE: Effective August 19, 2019

2002109 Protein Electrophoresis with Reflex to Immunofixation Electrophoresis SPEP REFLEX
Monoclonal Protein Detection, Quantitation & Characterization, IgA, IgG, and
IgM, Serum

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

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

Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1.5 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma.

Stability (collection to initiation of testing): After separation from cells: Ambient: 4 hours; Refrigerated: 1 week; Frozen: 1 month

Reference Interval:

Test Number	Components	Reference Interval		
0050640	Protein Electrophoresis, Serum	Effective August 19, 2019		
		Test Number	Components	Reference Interval
			Total Protein, Serum	Refer to report
			Albumin	Refer to report
			Alpha-1 Globulins	Refer to report
			Alpha-2 Globulins	Refer to report
			Beta Globulins	Refer to report
	Gamma	Refer to report		
0050350	Immunoglobulin G	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	
		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	
		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	

CPT Code(s): 84155; 84165; if reflexed, add 82784 x3; 86334

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**.