

HOTLINE: Effective August 19, 2019

<b>2002715</b>	<b>Monoclonal Protein Detection, Quantitation, Characterization, SPEP, IFE, IgA, IgG, IgM, FLC</b>	<b>IFE FLC</b>
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**Methodology:** Qualitative Immunofixation Electrophoresis/Quantitative Capillary 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 2 mL serum to an ARUP Standard Transport Tube. (Min: **1 mL**)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma. Room temperature specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: Unacceptable; Refrigerated: 1 week; Frozen: 2 weeks

**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
	Kappa Quantitative Free Light Chains, Serum	0.33 - 1.94 mg/dL	
	Lambda Quantitative Free Light Chains, Serum	0.57-2.63 mg/dL	
	Kappa/Lambda Free Light Chain Ratio, Serum	0.26-1.65	

**CPT Code(s):** 82784 x3; **84155**; 84165; **86334**; **83883** x2

**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**.