



HOTLINE: Effective August 19, 2019

2002715 Monoclonal Protein Detection, Quantitation, Characterization, SPEP, IFE, IgA, IgG, IgM, FLC IFE FLC

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
0050350	Immunoglobulin G		Alpha-1 Globulins
			Refer to report
			Alpha-2 Globulins
			Refer to report
			Beta Globulins
			Refer to report
			Gamma
0050340	Immunoglobulin A		Refer to report
		Effective February 16, 2016	
		0-30 days: 1-7 mg/dL	9-11 months: 16-83 mg/dL
		1 month: 1-53 mg/dL	1 year: 14-105 mg/dL
		2 months: 3-47 mg/dL	2 years: 14-122 mg/dL
		3 months: 5-46 mg/dL	3 years: 22-157 mg/dL
		4 months: 4-72 mg/dL	4 years: 25-152 mg/dL
0050355	Immunoglobulin M	5 months: 8-83 mg/dL	5-7 years: 33-200 mg/dL
		6 months: 8-67 mg/dL	8-9 years: 45-234 mg/dL
		7-8 months: 11-89 mg/dL	10 years and older: 68-408 mg/dL
		0-30 days: 0-24 mg/dL	9-11 months: 39-142 mg/dL
		1 month: 19-83 mg/dL	1 year: 41-164 mg/dL
		2 months: 16-100 mg/dL	2 years: 46-160 mg/dL
		3 months: 23-85 mg/dL	3 years: 45-190 mg/dL
	Kappa Quantitative Free Light Chains, Serum	4 months: 26-96 mg/dL	4 years: 41-186 mg/dL
		5 months: 31-103 mg/dL	5-7 years: 46-197 mg/dL
		6 months: 33-97 mg/dL	8-9 years: 49-230 mg/dL
		7-8 months: 32-120 mg/dL	10 years and older: 35-263 mg/dL
		Effective February 16, 2016	
		0.33 - 1.94 mg/dL	
		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**.