

HOTLINE: Effective February 16, 2021

**2002715 Monoclonal Protein Study, Expanded Panel, Serum**

**IFE FLC**

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

**Specimen Preparation:** Separate from cells ASAP or within 2 hours of collection. Transfer 2.5 mL serum to an ARUP Standard Transport Tube. (Min: 2.0 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: 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
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
0050350	Immunoglobulin G	19 years and older: 68-408 mg/dL
		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
0050355	Immunoglobulin M	15-18 years: 479-1433 mg/dL
		19 years and older: 768-1632 mg/dL
		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
	Kappa Quantitative Free Light Chains, Serum	10-14 years: 47-252 mg/dL
		15-18 years: 26-232 mg/dL
		19 years and older: 35-263 mg/dL
	Lambda Quantitative Free Light Chains, Serum	Effective February 18, 2020
	Kappa/Lambda Free Light Chain Ratio, Serum	3.30 - 19.40 mg/L
		5.71-26.30 mg/L
		0.26-1.65