

TEST CHANGE

Cytokine Panel 13, Serum

0051394, CYT 12 SE

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube, or plain red.

Specimen Preparation: Separate serum cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL)

Transport Temperature: CRITICAL FROZEN. Additional specimens must be submitted when multiple tests are ordered. Ship in an ARUP Standard Transport Tube.

Unacceptable Conditions: Refrigerated specimens. Contaminated or heat inactivated specimens.

Remarks:

Stability: After separation from cells: Ambient: 30 minutes; Refrigerated: Unacceptable; Frozen: 1 year

Methodology: Quantitative Multiplex Bead Assay

Note: Cytokine levels may demonstrate diurnal variation. For levels be determined at the same time of day.

CPT Codes: 83520 x12; 83529

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Results are used to understand the pathophysiology of immune, infectious, or inflammatory disorders, or may be used for research purposes.

Reference Interval:

Test Number	Components	Reference Interval
	Interferon gamma, Serum	5.8 pg/mL 4.2 or less
	Interleukin 1 beta, Serum	6.7.1 pg/mL or less
	Interleukin 10, Serum	6.0 pg/mL 2.8 or less
	Interleukin 12 13, Serum	2.6 pg/mL 3 or less
	Interleukin 13, Serum	7.8 pg/mL or less
	Interleukin 17, Serum	2.1 pg/mL 4 or less
	Interleukin 2 Receptor, Soluble, Serum	353.5 - 1019.8 pg/mL 175.3-858.2
	Interleukin 2, Serum	2.1 pg/mL or less
	Interleukin 4, Serum	2.2 pg/mL or less
	Interleukin 5, Serum	2.1 pg/mL or less
	Interleukin 6, Serum	2.0 pg/mL or less
	Interleukin 8, Serum	3.0 pg/mL or less
	Tumor Necrosis Factor - alpha, Serum	11.5 pg/mL 7.2 or less

