

TEST CHANGE

Cytokine Panel, Monokines, Serum

0051524, CYT MON SE

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube, or plain red.

Specimen Preparation: **CRITICAL FROZEN:** Separate serum from cells ~~ASAP~~ or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.4 mL) **Freeze serum within 30 minutes.**

Transport Temperature: CRITICAL FROZEN. Separate 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 longitudinal comparison, it is recommended that cytokine levels be determined at the same time of day.

CPT Codes: 83520 x3; 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
	Interleukin 1 beta, Serum	6.7 7.1 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	7.2 11.5 pg/mL or less