

TEST CHANGES

Cytokine Panel, TH1, Serum

0051408, CYT TH1 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 x4

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	4-25.8 pg/mL or less
	Interleukin 12, Serum	2.6 pg/mL or less
	Interleukin 2 Receptor, Soluble, Serum	175.3-858.2-353.5 - 1019.8 pg/mL
	Interleukin 2, Serum	2.1 pg/mL or less