

TEST CHANGE

Cytokine Panel 13, Plasma

3002601, CYT13 PLA

Specimen Requirements:

Patient Preparation:

Collect: Green (lithium heparin).

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

Transport Temperature: CRITICAL FROZEN. Additional specimens must be submitted when multiple tests are ordered. Ship in an ARUP **standard transport tube.** ~~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 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, Plasma	10.4 pg/mL or less
	Interleukin 1 beta, Plasma	7.4 pg/mL or less
	Interleukin 10, Plasma	5.3 pg/mL or less
	Interleukin 12, Plasma	4.7 pg/mL or less
	Interleukin 13, Plasma	5.3 pg/mL or less
	Interleukin 17, Plasma	2.2 pg/mL or less
	Interleukin 2 Receptor, Soluble, Plasma	266.5-1410.4 pg/mL
	Interleukin 2, Plasma	2.1 pg/mL or less
	Interleukin 4, Plasma	2.5 pg/ml or less
	Interleukin 5, Plasma	2.1 pg/mL or less
	Interleukin 6, Plasma	2.5 pg/mL or less
	Interleukin 8, Plasma	9.4 pg/mL or less
	Tumor Necrosis Factor - alpha, Plasma	14.5 pg/mL or less