

HOTLINE: Effective February 16, 2021

**New Test**      **3003259**      **Cytokine Panel 13, CSF**      **CYT13 CSF**

**Methodology:** Quantitative Multiplex Bead Assay  
**Performed:** Sun-Sat  
**Reported:** 1-4 days

**Specimen Required:** Collect: CSF.

Specimen Preparation: Transfer 1 mL CSF to an ARUP Standard Transport Tube. (Min: 0.4 mL)

Storage/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.

Stability (collection to initiation of testing): Ambient: 30 minutes; Refrigerated: Unacceptable; Frozen: 1 month

**Reference Interval:**

Test Number	Components	Reference Interval
3003261	Interleukin 2 Receptor, Soluble, CSF	26.8 pg/mL or less
	Interleukin 12, CSF	1.9 pg/mL or less
	Interferon gamma, CSF	4.2 pg/mL or less
	Interleukin 4, CSF	5.2 pg/mL or less
	Interleukin 5, CSF	2.1 pg/mL or less
	Interleukin 10, CSF	12.7 pg/mL or less
	Interleukin 13, CSF	7.3 pg/mL or less
3003260	Interleukin 1 beta, CSF	6.5 pg/mL or less
	Interleukin 6, CSF	7.5 pg/mL or less
	Interleukin 8, CSF	4.6 - 283.5 pg/mL
	Tumor Necrosis Factor - alpha, CSF	1.7 pg/mL or less
	Interleukin 2, CSF	2.1 pg/mL or less
	Interleukin 17, CSF	4.6 pg/mL or less

**Interpretive Data:**

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

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

**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 Code(s):** 83520 x13

New York DOH approval pending. Call for status update.

**HOTLINE NOTE:** Refer to the Test Mix Addendum for interface build information.