

Granulocyte Monocyte-Colony Stimulating Factor, Plasma

Test ID: GMCSF

Explanation:

This test will become obsolete on the effective date due to assay performance issues. The recommended alternative is noted below.

Recommended Alternative Test:

Cytokine Panel, Plasma

Test ID: CYPAN

Methodology:

Bead-Based Multiplex Immunoassay

Reference Values:

Tumor necrosis factor: <10.0 pg/mL

Interleukin (IL)-6: <5.0 pg/mL

Interferon (IFN)-beta: <20.0 pg/mL

IL-10: <7.0 pg/mL

Monocyte chemoattractant protein-1: < or =198 pg/mL

IL-1 beta: <20.0 pg/mL

IFN-gamma: <60.0 pg/mL

Macrophage inflammatory protein-1 alpha: <220 pg/mL

Granulocyte-monocyte colony stimulating factor: <15.0 pg/mL

IL-2 receptor alpha soluble: < or =959 pg/mL

IFN-alpha: <20.0 pg/mL

IL-18: < or =468 pg/mL

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube, 5 mL (T914)
Collection Container/Tube:	Lavender-top (EDTA)
Submission Container/Tube:	Plastic vial
Specimen Volume:	0.5 mL

Collection Instructions:

1. Immediately after specimen collection, place the tube on wet ice.
2. Centrifuge at 4 degrees C, 1500 x g for 10 minutes.
3. Aliquot plasma into plastic vial.
4. Freeze specimen within 2 hours of collection.

Minimum Volume:

0.3 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Plasma EDTA	Frozen	21 days

CPT Code:

83520 x 10

83529

Day(s) Performed: Wednesday**Report Available:** 2 to 8 days**Questions**

Contact Amy Ennis, Laboratory Resource Coordinator at 800-533-1710.