

Reporting Title: Cytokine Panel, P

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

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.

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen	21 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
610307	TNF	Numeric	pg/mL	3074-2
610308	IL-6	Numeric	pg/mL	26881-3
610309	IFN-beta	Numeric	pg/mL	97051-7
610310	IL-10	Numeric	pg/mL	26848-2
610311	MCP-1	Numeric	pg/mL	97052-5
610312	IL-1 beta	Numeric	pg/mL	13629-1
610313	IFN-gamma	Numeric	pg/mL	27415-9
610314	MIP-1 alpha	Numeric	pg/mL	97053-3
610315	GM-CSF	Numeric	pg/mL	97054-1
610316	IL-2 receptor alpha soluble	Numeric	pg/mL	76039-7
610317	IFN-alpha	Numeric	pg/mL	33820-2
610318	IL-18	Numeric	pg/mL	33823-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83520 x 10

83529

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