

## Cytokine Panel, 13 Analytes, Quantitative, Serum

**Test ID:** LCYP

### Useful for:

Aiding in the assessment of the pathophysiology of immune, infectious, or inflammatory disorders when used in conjunction with standard clinical assessment

May be used for research purposes

### Methods:

Immunoassay

### Reference Values:

Tumor Necrosis Factor-alpha: < or =15.4 pg/mL  
Interleukin 2: < or =1.3 pg/mL  
Interleukin 2 Receptor Soluble: 353.0-1745 pg/mL  
Interleukin 12: < or =1.8 pg/mL  
Interferon gamma: < or =3.7 pg/mL  
Interleukin 4: < or =1.0 pg/mL  
Interleukin 5: < or =2.5 pg/mL  
Interleukin 10: < or =2.9 pg/mL  
Interleukin 13: < or =21.0 pg/mL  
Interleukin 17: < or =1.3 pg/mL  
Interleukin 1 beta: < or =5.7 pg/mL  
Interleukin 6: < or =5.3 pg/mL  
Interleukin 8: < or =20.7 pg/mL

### Specimen Requirements:

**Collection Container/Tube:** Serum gel or red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL Serum

**Collection Instructions:**

1. As soon as possible or within 2 hours of collection, centrifuge and aliquot 1 mL of serum into a plastic vial.
2. Send frozen.

**Note:** Critical frozen. **Separate specimens must be submitted** when multiple tests are ordered.

**Minimum Volume:** 0.5 mL

**Specimen Stability Information:**

| Specimen Type | Temperature | Time    |
|---------------|-------------|---------|
| Serum         | Frozen      | 30 days |

**Cautions:**

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:**

83520 x 12

83529

**Day(s) Performed:** Tuesday, Thursday, Friday      **Report Available:** 3 to 5 days

**Questions**

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