

T-Helper Cell Type 2 Cytokine Panel, Plasma

Test ID: CYTH2

Useful for:

Assessment of plasma cytokine levels to understand the etiology of allergic conditions and parasitic infections when used in conjunction with clinical information and other laboratory testing

Methods:

Bead-Based Multiplex Immunoassay

Reference Values:

IL-4:

<18 years: Not established

> or =18 years: <100 pg/mL

IL-5:

<18 years: Not established

> or =18 years: <20.0 pg/mL

IL-10:

<18 years: Not established

> or =18 years: <7.0 pg/mL

IL-13:

<18 years: Not established

> or =18 years: <700 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. Within 2 hours of collection, centrifuge at 4 degrees C, 1500 x g for 10 minutes and aliquot plasma into a plastic vial.
3. Freeze immediately.

Additional Information:

1. **Plasma for this test cannot be shared with other tests.** Submit specimen for this test in its own vial.
2. **This test cannot be added onto a previously collected specimen.**

Minimum Volume:

0.3 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Plasma EDTA	Frozen	21 days

Cautions:

Results from cytokine testing should not be used to establish or exclude a specific diagnosis.

Cytokine testing should only be used in conjunction with clinical information and other laboratory testing as part of a patient's overall assessment.

Normal concentrations of cytokines do not exclude the possibility of parasitic infection or allergic condition.

Cytokine concentrations could be affected by immunomodulatory agents.

CPT Code:

83520 x 4

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

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