

T Cell Fx-Complete

Order Name: **T Cell Fx-Comp**

Test Number: 5194442

Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
T Cell Fx-Complete	Flow cytometry	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	8 mL	Whole Blood	Sodium Heparin (Green Top / No-Gel)	Room Temperature
Instructions	<p>Must be drawn between 12-2PM CST Monday through Thursday and sent via STAT courier to LabCorp Oklahoma Core Lab.</p> <p>Specimen Type: Green-top (sodium heparin) tube</p> <p>Specimen Storage: Room temperature</p> <p>Specimen Collection: Specimens must arrive at Viracor-Eurofins within 24 hours collection.</p> <p>Special Instructions: Testing referred to Eurofins Viracor LLC TC#403066</p> <p>Specimen Stability: Ambient: 24 hours, Refrigerated : Not Available, Frozen: Not Available</p>			

GENERAL INFORMATION

Expected TAT	5 - 6 days
Clinical Use	The test measures the T cell responses to antigens of common infections as well as to mitogens, allowing detection of deficiencies in this arm of the immune response. Patients with primary immunodeficiency may have deficits in the acquired T-cell response. It is useful for the following types of patients: Immune deficiency, Recurrent infection, Evaluation of cell-mediated immunity and monitoring immunosuppression (e.g. Transplant patients).
Performing Labcorp Test Code	831367
Notes	<p>Labcorp Test Code: 831367</p> <p>(Testing performed at Viracor-Eurofins)</p> <p>Methodology: Peripheral blood mononuclear cells are stimulated with mitogens or antigens or left unstimulated as a negative control and incubated at 37°C. During the incubation Brefeldin A is added, causing the interferon (IFN)-gamma to be retained inside the cell. Following the stimulation phase, cells are recovered, stained for surface markers (CD45, CD3, and CD69 and intracellular IFN-gamma, and analyzed by flow cytometry. This test has not been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.</p>
CPT Code(s)	86353x7
Lab Section	Reference Lab