

New Test **3001337** **Lymphocyte Proliferation, Anti-CD3, Anti-CD28 and IL-2 Induced, by Flow Cytometry (24-Hr Critical Room Temp)** **LPCD3 FLOW**



Time Sensitive

Methodology: Cell Culture/Flow Cytometry
Performed: Thu, Fri
Reported: 9-10 days

Specimen Required: Patient Prep: Collect control specimen from a healthy individual unrelated to patient.
Patient and control specimens must be collected ONLY on Wednesdays or Thursdays AND shipped directly to ARUP the same calendar day to meet the strict 24-hour stability requirement.
Collect: Green (sodium heparin) (patient) AND green (sodium heparin) (control) only on Wednesdays or Thursdays.
Specimen Preparation: Transport 10 mL whole blood (patient) AND 10 mL whole blood (control) in original collection tubes. (Min: 7 mL (patient) AND 7 mL (control)). Infant Minimum: 3 mL (patient) AND 7 mL (control).
Do not refrigerate or freeze. LIVE LYMPHOCYTES REQUIRED.
Storage/Transport Temperature: **CRITICAL ROOM TEMPERATURE.**
Must be collected and shipped directly to ARUP the same calendar day.
Remarks: **Do not collect or ship on, or the day before, holidays.**
Unacceptable Conditions: Refrigerated or frozen specimens.
Stability (collection to initiation of testing): Ambient: 24 hours; Refrigerated: Unacceptable; Frozen: Unacceptable

Reference Interval:

	Anti-CD3	Anti-CD3/Anti-CD28	Anti-CD3/IL-2
CD45 Pos Cells	10.2% or greater	29.0% or greater	33.1% or greater
CD3 Pos Cells	13.5% or greater	24.3% or greater	36.1% or greater

Interpretive Data: This test measures T lymphocyte proliferation in response to stimulation with anti-CD3, anti-CD3/anti-CD28, and anti-CD3/Interleukin-2, determined by flow cytometry. Proliferating cells are detected by fluorescent labeling. Results are reported as percent proliferating cells of the total specific cell populations. This is a second-level test to be performed after Lymphocyte Proliferation to Mitogens (PHA, Con A, and PWM) by Flow Cytometry has been assessed.

See Compliance Statement B: www.aruplab.com/CS

CPT Code(s): 86353 x3

New York DOH approval pending. Call for status update.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.