HOTLINE: Effective February 26, 2019

New Test **3001320** **Lymphocyte Proliferation, Antigen Induced, by Flow Cytometry (24-Hr Critical Room Temp)** **LPA 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:

	Tetanus	Candida
CD45 Pos Cells	2.9% or greater	9.6% or greater
CD3 Pos Cells	3.0% or greater	2.8% or greater

Interpretive Data: This test measures T lymphocyte proliferation in response to stimulation with recall antigens tetanus toxoid and *Candida*, determined by flow cytometry. Proliferating cells are detected by fluorescent labeling. Results are reported as percent proliferating cells of total specific cell populations.

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

CPT Code(s): 86353 x2

New York DOH approval pending. Call for status update.

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