



Flow Cytometry Test Menu

Immunodeficiency Studies

The CDC recommends that the abbreviated subset panel (205927) be used only for patients for whom CD4+ T-Cell levels are requested as part of a sequential follow-up of complete lymphocyte subset analysis.

Testing includes WBC and Absolute counts for lymphocyte subsets.

Test Name	Test Code	Specimen Requirements
CD4/CD8 Panel (includes CD3, CD4, CD8 & CD4/8 Ratio)	205927	1 ACD yellow-top tube and 1 EDTA lavender-top tube at room temperature.
Lymphocyte Subset Panel (includes CD3, CD4, CD8, CD19, CD56 & CD4/8 Ratio)	205925	1 ACD yellow-top tube and 1 EDTA lavender-top tube at room temperature.

Leukemia and Lymphoma Studies

Leukemia Panels are recommended for acute leukemia cases where blast cells are evident or for clinical evaluation of suspected CLL or lymphoma cases.

Leukemia Panels include: CD2, CD3, CD4, CD5, CD7, CD8, CD10, CD13, CD14, CD19, CD20, CD23, CD33, CD34, CD38, CD45, CD56, FMC-7, HLA-DR, Kappa, Lambda, CD5/19 co-expression & pathologist's interpretation.

Leukemia Panel, Peripheral Blood*	26448	1 ACD yellow-top tube and 1 EDTA lavender-top tube at room temperature.
Leukemia Panel, Bone Marrow*	27220	1.5 mL of aspirate in an EDTA lavender-top tube or sodium heparin green-top tube at room temperature.
Leukemia Panel, Other Source* (indicate source on the requisition)	27222	Tissue, fluids, or fine needle aspirations in McCoy's media at room temperature.

continued...

Leukemia and Lymphoma Studies, continued

Hairy Cell Leukemia Panels are for the investigation of Hairy Cell Leukemia.

Hairy Cell Leukemia Panels include: CD2, CD3, CD4, CD5, CD7, CD8, CD10, CD11c, CD14, CD19, CD20, CD23, CD25, CD38, CD45, CD56, CD103, HLA-DR, FMC-7, Kappa, Lambda, CD5/19 co-expression & pathologist's interpretation.

Hairy Cell Panel, Peripheral Blood*	27225	1 ACD yellow-top tube and 1 EDTA lavender-top tube at room temperature.
Hairy Cell Panel, Bone Marrow*	27230	1.5 mL of aspirate in an EDTA lavender-top tube or sodium heparin green-top tube at room temperature.

The Sezary Panel is recommended whenever a Sezary syndrome is suspected.

Sezary Panel includes: CD2, CD3, CD4, CD5, CD7, CD8, CD16, CD20, and CD45, CBC w/Differential & pathologist's interpretation.

Sezary Panel, Peripheral Blood*	727235	1 ACD yellow-top tube and 1 EDTA lavender-top tube at room temperature. A peripheral blood smear must be prepared within 8 hours of collection. If transport is expected to exceed 8 hours, a peripheral blood smear should be prepared and air-dried to accompany the whole blood specimen.
---------------------------------	--------	--

PNH (Paroxysmal Nocturnal Hemoglobinuria)

The PNH (Paroxysmal Nocturnal Hemoglobinuria) screen is recommended whenever PNH is suspected.

PNH Screen includes: CD55, CD59

PNH Screen, CD55/CD59 Expression	90073	1 EDTA lavender-top tube at room temperature. Specimen must reach the laboratory within 18 hours of collection.
----------------------------------	-------	--

*These tests were developed, and their performance characteristics determined, by Sonora Quest Laboratories. These tests have not been cleared by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary.

For results or questions contact our Transcription Department:
Phoenix: 602.685.5057 or 800.766.6721, extension 45057 – toll free; Tucson: 520.873.3929
For further information on any of the testing on this menu, please call our Flow Cytometry Department:
602.685.5219 or 800.766.6721, extension 45219 – toll free.