

## CD4/CD8 Panel

Effective 5/8/2023 TriHealth Laboratory will be performing the CD4/CD8 Panel in house.

The CD4/CD8 panel encompasses: % CD4, %CD8, absolute CD4 and CD8 counts and CD4/CD8 ratio.

The new test will eliminate the need for Lymphocyte Subset Panel 2 and Lymphocyte Subset Panel 3, which were performed at ARUP laboratories.

### New test in Epic

LAB4377 CD4/CD8 Panel  
(Epic test code CD4CD8)

Component	Reference Range	Units
%CD4	31-60	%
%CD8	13-41	%
ABSOLUTE CD4	410-1,590	cells/ $\mu$ L
ABSOLUTE CD8	190-1,140	cells/ $\mu$ L
CD4/C8 RATIO	0.6-3.1	

### Discontinued tests in Epic

LAB4154 Lymphocyte Subset Panel 2- CD4 % and Absolute

LAB4352 Lymphocyte Subset Panel 3- T Cell Subsets (CD4 and CD8), Absolute Counts Only

### Notes

- Collect: 1 EDTA (Lavender) tube, room temperature storage
- Testing performed at Good Samaritan Flow Cytometry lab using FDA-cleared IVD BD Multitest CD3/CD8/CD45/CD4 assay containing conjugated antibodies CD3 FITC, CD8 PE, CD45 PerCP, CD4 APC
- This test allows helper/inducer T lymphocytes to be identified and enumerated separately from contaminating CD3–CD4+ monocytes.
- The Centers for Disease Control (CDC) recommends using reagent combinations containing CD3 antibodies for determining the percentage of T-lymphocyte subsets in HIV-infected subjects.

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