MAYO CLINIC
Mayo Medical Laboratories

Test Definition: TCD4

CD4 Count for Immune Monitoring, Blood

Reporting Title: CD4 T-Cell Count
Performing Location: Rochester

Specimen Requirements:

Specimen must arrive within 48 hours of draw. Draw and package specimen as close to shipping time as possible. Ship specimen overnight.

Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send specimen in original tube. Do not aliquot.
Additional Information:
1. Date of draw is required.
2. For serial monitoring, we recommend that specimen draws be performed at the same time of day.

Specimen Type	Temperature	Time
Whole Blood EDTA	Ambient	48 hours

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
3321	CD45 Lymph Count, Flow **Also used by tests: 800295, TBNY, TBBS, CD4NY**	Numeric	thou/mcL	27071-0
3316	% CD3 (T Cells) **Also used by tests: 800295, TBNY, CD4NY, TBBS**	Numeric	%	8124-0
3319	% CD4 (Helper Cells) **Also used by tests: 800295, CD4NY, TBNY, TBBS**	Numeric	%	8128-1
3320	% CD8 (Supp'r Cells) **Also used by tests: 800295, CD4NY, TBNY, TBBS**	Numeric	%	8138-0
3322	CD3 (T Cells) **Also used by tests: CD4NY, TBNY, 800295, TBBS**	Numeric	cells/mcL	8122-4
3325	CD4 (Helper Cells) **Also used by tests: CD4NY, TBNY, 800295, TBBS**	Numeric	cells/mcL	8127-3
3326	CD8 (Supp'r Cells) **Also used by tests: 800295, CD4NY, TBNY, TBBS**	Numeric	cells/mcL	8137-2

Result ID	Reporting Name	Type	Unit	LOINC®
3327	H/S Ratio **Also used by tests: CD4NY, TBNY, 800295, TBBS**	Numeric		8129-9

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Absolute CD4/CD8 Count	1	86360		
Billing only	T-cells total count	1	86359		

Reference Values:

The appropriate age-related reference values will be provided on the report.