

Patient ID SAMPLE	Patient Name PATIENT, TEST	Birth Date 1974-08-04	Sex M	Age 50
Order Number SAMPLE	Client Order Number SAMPLE	Ordering Physician SAMPLE	Report Notes Sample Report	
Account Information SAMPLE		Collected 22 Sep 2024 12:30		

T Cell Phenotyping, Advanced

CD4 (T Cells)	SDL Reference Value 365–1437	%CD8+CD62L+CD27+CD45RO+ (Tcm)	SDL Reference Value 1–18
500 cells/mcL		7 % CD8	
CD8 (T Cells)	SDL Reference Value 171–846	%CD8+CD62L-CD27-CD45RO+ (Tem)	SDL Reference Value 0–6
200 cells/mcL		1 % CD8	
%CD4+CD45RA+ naive T cells	SDL Reference Value 3–59	%Activated CD4 T cells (4+CD25+)	SDL Reference Value 4–26
55 % CD4		8 % CD4	
%CD4+CD62L+CD27+ naive T cells	SDL Reference Value 2–58	%CD4+HLA DR+CD28+ T cells	SDL Reference Value 2–13
43 % CD4		%CD8+HLA DR+CD28+ T cells	SDL Reference Value 3.0–32.0
%CD8+CD45RA+ naive T cells	SDL Reference Value 6–84	CD4+CD45RA+ naive T cells	SDL Reference Value 27–833
83 % CD8		275 cells/mcL	
%CD8+CD62L+CD27+naive T cells	SDL Reference Value 2–78	CD4+CD62L+CD27+ naive T cells	SDL Reference Value 11–824
65 % CD8		215 cells/mcL	
%CD4+CD45RO+ memory T cells	SDL Reference Value 15–69	CD8+CD45RA+ naive T cells	SDL Reference Value 19–508
36 % CD4		166 cells/mcL	
%CD4+CD62L+CD27+CD45RO+ (Tcm)	SDL Reference Value 6–47	CD8+CD62L+CD27+naive T cells	SDL Reference Value 5–475
18 % CD4		130 cells/mcL	
%CD4+CD62L-CD27-CD45RO+ (Tem)	SDL Reference Value 0.7–12.0	CD4+CD45RO+ memory T cells	SDL Reference Value 167–670
1.5 % CD4		180 cells/mcL	
%CD8+CD45RO+ memory T cells	SDL Reference Value 4–49		
17 % CD8			

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	Nikola Baumann Ph.D.	24D1040592

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CD4+CD62L+CD27+CD45RO+ (Tcm)	SDL Reference Value 58–413	Activated CD4 T cells (4+CD25+)	SDL Reference Value 30–207
90 cells/mcL		40 cells/mcL	
CD4+CD62L-CD27-CD45RO+ (Tem)	SDL Reference Value 7–99	CD4+HLA DR+CD28+ T cells	SDL Reference Value 17–122
8 cells/mcL		20 cells/mcL	
CD8+CD45RO+ memory T cells	SDL Reference Value 15–275	CD8+HLA DR+CD28+ T cells	SDL Reference Value 13–155
34 cells/mcL		14 cells/mcL	
CD8+CD62L+CD27+CD45RO+ (Tcm)	SDL Reference Value 6–135	Interpretation 1 SDL	
14 cells/mcL		Quantitative T cell subset immunophenotyping - naive, memory and activated CD4 and CD8 T cells is normal for age.	
CD8+CD62L-CD27- CD45RO+ (Tem)	SDL Reference Value 0–36	Clinical correlation recommended.	
2 cells/mcL		Reviewed by: Laboratory Consultant	
		Received: 23 Sep 2024 12:25	Reported: 23 Sep 2024 12:30

Laboratory Notes

1 This test was developed using an analyte specific reagent. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

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