

Patient ID SAMPLE	Patient Name PATIENT, TEST	Birth Date 2016-08-04	Sex M	Age 8
Order Number SAMPLE	Client Order Number SAMPLE	Ordering Physician SAMPLE	Report Notes Sample Report	
Account Information SAMPLE		Collected 22 Sep 2024 13:27		

T Cell Subsets, Regulatory (Tregs)

CD4 (T Cells)

900 cells/mcL

SDL

Reference Value
497–2267

% Activated CD4+ T cells (4+CD25+)

19.7 % CD4 T cells

SDL

Reference Value
5.7–31.0

% Natural Tregs

1.3 % CD4 T cells

SDL

Reference Value
0.7–4.0

% N. Naive Tregs

2.3 % CD4 T cells

SDL

Reference Value
0.6–9.0

% CD4+CD25-CD127+ (Tr1/Th3)

65 % CD4 T cells

SDL

Reference Value
51–78

Activated CD4+ T cells (4+CD25+)

177 cells/mcL

SDL

Reference Value
36–248

CD4+CD25CD127loCD45RO+ (Nat Tregs)

12 cells/mcL

SDL

Reference Value
4–25

CD4+CD25+CD127loCD45RA+ Naive Tregs

20.6 cells/mcL

SDL

Reference Value
4.0–67.0

CD4+CD25-CD127+ (Tr1/Th3)

585 cells/mcL

SDL

Reference Value
236–1058

Interpretation

1 SDL

Treg subset analysis shows a normal percentage of CD4+CD25+ T cells.

The relative distribution (percentage) of natural Tregs, natural naive Tregs and Tr1/Th3 cells is within normal limits.

Clinical correlation recommended.

Reviewed by: Laboratory Consultant

ADDITIONAL INFORMATION

CD4+CD25+CD127- T-cells are FOXP3-expressing regulatory T-cells. Seddiki N et al, J. Exp Med. 2006, 203(7): 1693–1700 and Liu W et al, J Exp Med, 2006, 203(7):1701–1711.

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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.

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