MAYO CLINIC LABORATORIES

1-800-533-1710

TREGS

T-Cell Subsets, Regulatory (Tregs)

Patient ID	Patient Name	Birth Date	Gender	Age
SA00057311	SAMPLEREPORT, TREGS	1966-06-10	F	46

Order Number	Client Order Number	Ordering Physician	Report Notes
SA00057311	SA00057311	CLIENT, CLIENT	

Account Information	Collected
C7028846 DLMP Rochester	08 May 2013 00:00

T Cell Subsets, Regulatory (Tregs)

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

14.5 % CD4 T cells

Reference Value 2.4–35.0

% Natural Tregs MCR

3.3 % CD4 T-cells

Reference Value 0.6–4.3

% N. Naive Tregs MCR

0.1 % CD4 T-cells

Reference Value 0.1–2.3

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

72 % CD4 T-cells

Reference Value 24–88

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

159 cells/mcL

Reference Value 16–323

CD4+CD25+CD127loCD45RO+ (Nat Tregs) MCR

36 cells/mcL

Reference Value 5–43

CD4+CD25+CD127loCD45RA+ Naive Tregs MCR

1.6 cells/mcL

Reference Value 0.4–22.0

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

786 cells/mcL

Reference Value 133–1304

Interpretation [1] MCR

Normal total CD4 T cell count in blood. Quantitative Treg subset immunophenotyping is within normal limits for age. Unable to provide further interpretation without clinical information. Clinical correlation recommended.

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.

Received: 09 May 2013 15:23 **Reported:** 03 Oct 2013 13:06

Test Environment LTCSEQ Template

Laboratory Notes

[1] Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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