



Patient ID SA00057311	Patient Name SAMPLEREPORT, TREGS	Birth Date 1966-06-10	Gender F	Age 46
Order Number SA00057311	Client Order Number SA00057311	Ordering Physician Client, Client	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 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

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
MCR	Mayo Clinic Dept. of Lab Med and Pathology	200 First Street SW, Rochester, MN 55905