MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,TREGS	SA00057311	46	F	SA00057311
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00057311	**Account Information**			**Report Notes**
Collected 05/08/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
Printed 10/03/2013 15:39				

Test	Flag	Results	Unit	Reference Value	Perform Site*
T Cell Subsets, Regulatory (Tregs)					
RECEIVED: 05/09/2013 15:23 **REPORTED:** 10/03/2013 13:06					
% Activated CD4+ T cells (4+CD25+)		14.5	% CD4 T cells	2.4-35.0	MCR
% Natural Tregs		3.3	% CD4 T-cells	0.6-4.3	MCR
% N. Naive Tregs		0.1	% CD4 T-cells	0.1-2.3	MCR
% CD4+CD25-CD127+ (Tr1/Th3)		72	% CD4 T-cells	24-88	MCR
Activated CD4+ T cells (4+CD25+)		159	cells/mcL	16-323	MCR
CD4+CD25+CD127loCD45RO+ (Nat Tregs)		36	cells/mcL	5-43	MCR
CD4+CD25+CD127loCD45RA+ Naive Tregs		1.6	cells/mcL	0.4-22.0	MCR
CD4+CD25-CD127+ (Tr1/Th3)		786	cells/mcL	133-1304	MCR
Interpretation					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.
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.
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:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

* Report times for Mayo performed tests are CST/CDT