

<b>Patient Name</b> SAMPLEREP, TCP	<b>Patient ID</b> SA00057314	<b>Age</b> 46	<b>Gender</b> F	<b>Order #</b> SA00057314
<b>Ordering Phys</b> CLIENT, CLIENT				<b>DOB</b> 06/10/1966
<b>Client Order #</b> SA00057314	<b>Account Information</b>			<b>Report Notes</b>
<b>Collected</b> 05/08/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support Rochester, MN 55901			
<b>Printed</b> 10/03/2013 15:41				

Test	Flag	Results	Unit	Reference Value	Perform Site*
<b>T Cell Phenotyping, Advanced</b>					
RECEIVED: 05/09/2013 15:24 REPORTED: 10/03/2013 13:31					
%CD4+CD45RA+ naive T cells		4	% CD4	3-59	MCR
%CD4+CD62L+CD27+ naive T cells		4	% CD4	2-58	MCR
%CD8+CD45RA+ naive T cells		30	% CD8	6-84	MCR
%CD8+CD62L+CD27+naive T cells		14	% CD8	2-78	MCR
%CD4+CD45RO+ memory T cells	H	94	% CD4	15-69	MCR
%CD4+CD62L+CD27+CD45RO+ (Tcm)	H	51	% CD4	6-47	MCR
%CD4+CD62L-CD27-CD45RO+ (Tem)		5.6	% CD4	0.7-12.0	MCR
%CD8+CD45RO+ memory T cells	H	65	% CD8	4-49	MCR
%CD8+CD62L+CD27+CD45RO+ (Tcm)	H	30	% CD8	1-18	MCR
%CD8+CD62L-CD27-CD45RO+ (Tem)		6	% CD8	0-6	MCR
%Activated CD4 T cells (4+CD25+)		5	% CD4	4-26	MCR
%CD4+HLA DR+CD28+ T cells	H	19	% CD4	2-13	MCR
%CD8+HLA DR+CD28+ T cells		15.0	% CD8	3.0-32.0	MCR
CD4+CD45RA+ naive T cells	L	6	cells/mcL	27-833	MCR
CD4+CD62L+CD27+ naive T cells	L	6	cells/mcL	11-824	MCR
CD8+CD45RA+ naive T cells		30	cells/mcL	19-508	MCR
CD8+CD62L+CD27+naive T cells		14	cells/mcL	5-475	MCR
CD4+CD45RO+ memory T cells	L	141	cells/mcL	167-670	MCR
CD4+CD62L+CD27+CD45RO+ (Tcm)		77	cells/mcL	58-413	MCR
CD4+CD62L-CD27-CD45RO+ (Tem)		8	cells/mcL	7-99	MCR
CD8+CD45RO+ memory T cells		65	cells/mcL	15-275	MCR
CD8+CD62L+CD27+CD45RO+ (Tcm)		30	cells/mcL	6-135	MCR
CD8+CD62L-CD27- CD45RO+ (Tem)		6	cells/mcL	0-36	MCR
Activated CD4 T cells (4+CD25+)	L	8	cells/mcL	30-207	MCR
CD4+HLA DR+CD28+ T cells		29	cells/mcL	17-122	MCR
CD8+HLA DR+CD28+ T cells		15	cells/mcL	13-155	MCR
<b>Interpretation</b>					
Quantitative T cell subset immunophenotyping for both CD4 and CD8 T cells reveals an increase in the relative frequencies (%) total memory (CD45RO+) CD4 T cells with decreased absolute count, increase % of central memory CD4 T cells but normal absolute count, increased % of total memory (CD45RO+) CD8 T cells including central memory CD8 T cells with normal absolute counts, increase % of activated MHC class II (HLA DR)+ CD4 T cells but normal absolute count and decrease in absolute count of activated CD4 T cells but normal %. The increase in activated MHC class II (HLA DR)+ CD4 T cells, total memory CD4 and CD8 T cells can be seen in contexts of infection and/or inflammation. There is a decrease in the absolute count of naive CD4 T cell counts but normal %, hence, the clinical significance is					

\*\*\*Performing Site Legend on Last Page of Report\*\*\*

<b>Patient Name</b> SAMPLEREP, TCP	<b>Collection Date and Time</b> 05/08/2013 00:00	<b>Report Status</b> Final
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\* Report times for Mayo performed tests are CST/CDT

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unclear. All other T cell subsets are quantitatively normal. Unable to provide further interpretation without clinical information. Clinical correlation recommended. 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:
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