MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report   **1-800-533-1710**

Patient Name SAMPLEREPORT,IABCS	Patient ID SA00056601	Age 46	Gender F	Order # SA00056601
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00056601	**Account Information** C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			**Report Notes**
Collected 04/15/2013 13:00				
Printed 04/22/2013 15:47				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Immune Assessment B Cell Subsets, B				REPORTED 04/16/2013 11:29	
T- and B-Cell QN by Flow Cytometry					
CD45 Lymph Count, Flow		1.26	thou/mcL	0.82-2.84	MCR
% CD3 (T Cells)		77	%	58-86	MCR
% CD19 (B Cells)		16	%	6-24	MCR
% CD16+CD56 (NK cells)		7	%	4-28	MCR
% CD4 (Helper Cells)		52	%	32-64	MCR
% CD8 (Supp'r Cells)		24	%	13-40	MCR
CD3 (T Cells)		961	cells/mcL	550-2202	MCR
CD19 (B Cells)		198	cells/mcL	70-409	MCR
CD16+CD56 (NK cells)		88	cells/mcL	59-513	MCR
CD4 (Helper Cells)		648	cells/mcL	365-1437	MCR
CD8 (Supp'r Cells)		301	cells/mcL	145-846	MCR
H/S Ratio		2.2		>=0.9	MCR

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.

Test	Flag	Results	Unit	Reference Value	Perform Site*
Immune Assessment B Cell Subsets, B					
CD19+ % of total Lymphocytes		11.3	%	2.8-17.4	MCR
CD20+ % of total Lymphocytes		12.7	%	3.2-16.8	MCR
CD27+ % of CD19+ B cells		42.1	%	6.3-52.8	MCR
CD27+ IgM+ IgD+ % of CD19+ B cells		22.4	%	1.7-29.3	MCR
CD27+ IgM- IgD- % of CD19+ B cells		18.3	%	2.3-26.5	MCR
CD27+ IgM+ IgD- % of CD19+ B cells		4.5	%	0.0-5.3	MCR
IgM+ % of CD19+ B cells		68.5	%	26.0-78.0	MCR
CD38+ IgM- % of CD19+ B cells		38.9	%	4.1-42.2	MCR
CD38+ IgM+ % of CD19+ B cells		33.3	%	1.2-50.7	MCR
CD21+ % of CD19+ B cells		98.2	%	92.1-99.6	MCR
CD21- % of CD19+ B cells		5.4	%	0.2-8.6	MCR
CD19+		142.4	cells/mcL	90.0-539.0	MCR
CD20+		160.0	cells/mcL	95.0-580.8	MCR
CD27+		59.9	cells/mcL	18.0-145.0	MCR
CD27+ IgM+ IgD+		31.9	cells/mcL	4.0-85.0	MCR
CD27+ IgM- IgD-		26.1	cells/mcL	7.0-61.0	MCR
CD27+ IgM+ IgD-		6.4	cells/mcL	0.0-12.0	MCR
IgM+		97.5	cells/mcL	37.0-327.0	MCR
CD38+ IgM-		55.4	cells/mcL	7.0-153.0	MCR
CD38+ IgM+		47.4	cells/mcL	2.0-139.4	MCR
CD21+		139.8	cells/mcL	85.0-533.0	MCR
CD21-		7.7	cells/mcL	0.3-22.0	MCR
Interpretation					MCR

Normal T, B, and NK subsets in whole blood. Quantitative B cell subset immunophenotyping is normal. Unable to provide

Performing Site Legend on Last Page of Report

Patient Name SAMPLEREPORT,IABCS	Collection Date and Time 04/15/2013 13:00	Report Status Final
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* Report times for Mayo performed tests are CST/CDT

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,IABCS	SA00056601	46	F	SA00056601

Ordering Phys		DOB
CLIENT,CLIENT		06/10/1966

Client Order #	Account Information	Report Notes
SA00056601		
Collected	C7028846-DLMP Rochester	
04/15/2013 13:00	3050 Superior Drive	
Printed	Rochester, MN 55901	
04/22/2013 15:47		

Test	Flag	Results	Unit	Reference Value	Perform Site*

further interpretation without clinical information.
Clinical correlation recommended.
This assay is performed using peripheral blood mononuclear
cells (PBMC) isolated from whole blood. CD19 percentage
and absolute results should not be directly compared to the
CD19 results from the T and B cell Surface Markers AG assay
using whole blood, because cells are lost during the PBMC
isolation process.
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.

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,IABCS	04/15/2013 13:00	Final
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