MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,NKCP	SA00056606	46	F	SA00056606
Ordering Phys CLIENT,CLIENT				**DOB** 06/10/1966
Client Order # SA00056606	**Account Information**			**Report Notes**
Collected 04/16/2013 08:07	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 04/22/2013 16:13				

Test	Flag	Results	Unit	Reference Value	Perform Site*
N.K. Cytotoxicity Profile			REPORTED 04/22/2013 16:10		
N.K. Cytotoxicity Result					
% Cyto. E:T 100		52	%		MCR
% Cyto. E:T 50		46	%		MCR
% Cyto. E:T 25		30	%		MCR
% Cyto. E:T 12.5		19	%		MCR
% Cyto. E:T 6.25		10	%		MCR
% Cyto. E:T 3.13		5	%		MCR
NKC Control Tube					
Comment					MCR
Normal NK cytotoxic function with normal NK cell absolute counts in whole blood. Lytic activity diminishes with time in heparinized blood specimens regardless of storage conditions. Specimens >24 hours old may yield falsely low results. Approximately 25% of healthy individuals present with abnormally decreased NK lytic activity. At least 3 consecutive results of reduced NK cytotoxic function over a period of approximately 3 months is required before a definitive assessment of impaired NK cytotoxicity can be attributed to a patient. Clinical correlation recommended.					
T- and B-Cell QN by Flow Cytometry					
CD45 Lymph Count, Flow		2.06	thou/mcL	0.82-2.84	MCR
% CD3 (T Cells)		69	%	58-86	MCR
% CD19 (B Cells)		16	%	6-24	MCR
% CD16+CD56 (NK cells)		14	%	4-28	MCR
% CD4 (Helper Cells)		50	%	32-64	MCR
% CD8 (Supp'r Cells)		18	%	13-40	MCR
CD3 (T Cells)		1417	cells/mcL	550-2202	MCR
CD19 (B Cells)		336	cells/mcL	70-409	MCR
CD16+CD56 (NK cells)		293	cells/mcL	59-513	MCR
CD4 (Helper Cells)		1041	cells/mcL	365-1437	MCR
CD8 (Supp'r Cells)		364	cells/mcL	145-846	MCR
H/S Ratio		2.9		>=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.					

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,NKCP	04/16/2013 08:07	Final
		** End of Report **

* Report times for Mayo performed tests are CST/CDT