

## **Laboratory Service Report**

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Patient Name VALIDATIONSOFT,PCPROREPORT	Patient ID SA00061007	Age 52	Gender F	<b>Order #</b> SA00061007
Ordering Phys CLIENT,CLIENT				<b>DOB</b> 11/11/1960
Client Order # SA00061007	Account Information			Report Notes
<b>Collected</b> 08/25/2013 00:00	C7028846-DLMP Rochester SDSC 2 - Client Support			
Printed 10/16/2013 14:26	Rochester, MN 55901			

Reference Perform
Test Flag Results Unit Value Site\*

Plasma Cell Proliferation, Marrow

**RECEIVED:** 08/26/2013 15:19 **REPORTED:** 08/27/2013 10:10

Monotypic Plasma Cells: None detected.

detected. None detected.

MCR

MCR

Supplemental PDF Report available at:

https://test.mmlaccess.com/Reports/C7028846-K8Id5FFXW3.ashx
Final Diagnosis

Bone marrow, flow cytometric immunophenotyping:

### 1. Plasma cells: No monotypic.

#### Comment

Abnormal plasma cells may be difficult to detect by flow cytometry due to sampling bias and antigen loss in vitro. The lack of detectable plasma cells and/or the detection of only normal (polytypic) plasma cells does not exclude a diagnosis of a plasma cell proliferative disorder. Monotypic (clonal) plasma cells are detected by immunoglobulin light chain restriction, surface immunophenotype, and DNA content. If present, the light chain expressed by the clonal plasma cells is indicated. The percentage of monotypic plasma cells estimated by flow cytometry is affected by specimen processing and antigen loss with specimen aging. Manual differential counting remains the accepted standard for determining the bone marrow plasma cell percentage.

#### Method:

Plasma cell analysis was performed with antibodies to the following antigens: CD19, CD38, CD45, CD138, kappa and lambda cytoplasmic immunoglobulin light chains and DAPI.

Reviewed by: Steven Bashynski 2013.08.27 10:09:57 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 Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name		Collection Date and Time	Report Status	
	VALIDATIONSOFT,PCPROREPORT	08/25/2013 00:00	Final	
	Page 1 of 1	** Reprinted **	** End of Report **	



## Performing Site:

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

Phone: 800-533-1710

http://www.mayomedicallaboratories.com

ORDER#

# VALIDATIONSOFT, PCPROREPORT

### MEDICAL RECORD # (PATIENT ID) SA00061007

DOB 11/11/1960 SEX Female SA00061007 CLIENT MRN REQUESTED BY CLIENT CLIENT

CLIENT ID/WARD 7028846 CLIENT/NAME WARD DLMP Rochester CITY, ST, ZIP Rochester MN 55901

CLIENT ORDER # SA00061007 DATE COLLECTED 8/25/2013 12:00 AM DATE RECEIVED 8/26/2013 3:19 PM DATE REPORTED 8/27/2013 10:09 AM

B326000327

# Plasma Cell Proliferation, Marrow

### Results:

Marker Name	Result	Unit	Result Comments	Normal Range
Monotypic Plasma Cells:	None detected.			None detected.

### Final Diagnosis:

Bone marrow, flow cytometric immunophenotyping:

1. Plasma cells: No monotypic.

#### Comment:

Abnormal plasma cells may be difficult to detect by flow\_cytometry due to sampling bias and antigen loss in vitro. The lack of detectable plasma cells and/or the detection of only normal (polytypic) plasma cells does not exclude a diagnosis of a plasma cell proliferative disorder. Monotypic (clonal) plasma cells are detected by immunoglobulin light chain restriction, surface immunophenotype, and DNA content. If present, the light chain expressed by the clonal plasma cells is indicated. The percentage of monotypic plasma cells estimated by flow cytometry is affected by specimen processing and antigen loss with specimen aging. Manual differential counting remains the accepted standard for determining the bone marrow plasma cell presentage. the bone marrow plasma cell percentage.

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# Disclaimer:

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PATIENT NAME: VALIDATIONSOFT, PCPROREPORT

Site ID: C7028846
Accession Number: SA00061007
FileName: SA00061007-7WKfNO+py219z9P11FbY3SuPaX
+Ezne2gYo\_tJABi9nxMlNer6Qv\_XL5j2NdHbEPd2FNRgpAc8lbkJ2tbX\_Cg==.pdf
Reported Date & Time: 08/27/13 10:13
Test Name: Plasma Cell Proliferation, Marrow
Result Name: Monotypic Plasma Cells: