MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, PF	L3MRNG9164274	82	F	G9164274

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
02/08/11 09:35 A	02/08/11 09:35 A	03/09/11 08:06 A	DATE OF BIRTH: 9/6/1928

Test Client
Attn: Mayo Liaisons
200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

Chromosomes, Body Fluid — **REPORTED: 02/08/11 09:44 A**

Specimen	**Pleural Fluid**	**MCR**
Specimen ID	**1053442**	**MCR**
Order Date	**08 Feb 2011 09:38**	**MCR**
Banding Methods		**MCR**

Method	Analyzed	Karyotyped	Band Level
Q/G	10	2	
QFQ	10	0	
Total	20	2	400

Method — **MCR**

Culture w/out mitogens

Reason For Referral — **lymphoma** — **MCR**

Results — **MCR**

76-82,XX,-X,add(X)(q22),-1,add(1)(q21),der(1;7)(p10;q10)[3],
-2,add(3)(q27)x2,add(5)(q31),add(6)(p21),add(6)(q13)x2,
del(6)(p11.2),-7,-7,der(7;13)(q10;q10)[3],-8,-9,add(9)(p13),
add(11)(p15)x2,-12,-13,-13,i(13)(q10),add(14)(q24)x2,
add(16)(q12.1),del(16)(p11.2),-18,add(18)(q21),-19,
add(21)(q22)x2,-22,-22,-22,+3-5mar[cp20]

Interpretation — **MCR**

The result is abnormal in this pleural fluid specimen. Each metaphase had a very complex hypotetraploid karyotype with multiple clonal numeric and structural abnormalities. FISH studies indicated a disruption of the BCL6 gene (at 3q27) and additional copies of the IGH and BCL2 gene regions (reported separately). These combined results suggest this complex clone likely represents an aggressive B-cell malignancy, such as diffuse large B-cell lymphoma. Clinical and pathologic correlation is recommended.

** Perform Site Legend on last page of report*

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TESTING, PF	Final	02/08/11 09:35 A

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Consultation		**Heather Lynn Owen**		**MCR**
Report Date		**08 Feb 2011 09:42**		**MCR**

*** PERFORMING SITE**

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First Street SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, PF	Final	02/08/11 09:35 A

Specimen receipt and report times are in CST/CDT

REPRINT