MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, FBLP	L3MRNG9164340	65	F	G9164340

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
02/09/11 09:19 A	02/09/11 09:19 A	03/09/11 08:27 A	DATE OF BIRTH: 6/29/1945

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

TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
B-Cell Lymphoma, FISH, B/BM			**REPORTED: 02/09/11 09:32 A**	
Specimen		**Bone Marrow**		**MCR**
Specimen ID		**1053464**		**MCR**
Source		**left iliac crest**		**MCR**
Order Date		**09 Feb 2011 09:27**		**MCR**
Reason For Referral		**B-cell lymphoma**		**MCR**
Method				**MCR**

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FISH probes and locus(200 nuclei for BCL6,c-MYC; 500 nuclei
for translocation)
-----------------------------------------------------
t(3;var)          3q27(3'BCL6,5'BCL6)
t(8;var)          8q24(3'c-MYC,5'c-MYC)
t(8;14)           8cen(D8Z2), 8q24(c-MYC), 14q32(IGH)
t(8;22)           8q24(c-MYC), 22q11.2(IGL)
t(11;14)          11q13(CCND1-XT), 14q32(IGH-XT)
t(11;18)          11q21(API2), 18q21(MALT1)
t(14;18)          14q32(IGH), 18q21(BCL2)
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Result **MCR**

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Anomaly                Result(%)         95% normal cutoff
-------------------------------------------------------------
t(3;var)(BCL6 sep)     normal                 <3.0
8q24(c-MYC sep)        normal                 <6.5
t(8;14)(c-MYC/IGH)     normal                 <0.6
t(8;22)(c-MYC/IGL)     normal                 <0.6
t(11;14)(CCND1/IGH) abnormal(51.0%)           <0.6
t(11;18)(API2/MALT1)   normal                 <0.6
t(14;18)(IGH/BCL2)     normal                 <0.6
NOMENCLATURE:
nuc ish(CCND1-XTx3),(IGHx3),(CCND1-XT con IGHx2)[255/500]
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Interpretation **MCR**

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The result is abnormal and indicates CCND1/IGH fusion,
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** Perform Site Legend on last page of report*

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TESTING, FBLP	Final	02/09/11 09:19 A

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TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

t(11;14), in 51.0% of nuclei. This translocation has been associated with mantle cell lymphoma and multiple myeloma. Clinical and hematopathologic correlation is suggested. Jaffe et al., WHO Classification of Tumours. Pathology and Genetics of Tumours of Haematopoietic and Lymphoid Tissues. IARC Press:Lyon 2001; McClure et al. Am J of Surg Path 29: 1652-1660, 2005.
Chromosome studies are normal and reported separately.
DISCLAIMER: This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic, Rochester, MN. It has not been cleared or approved by the U.S. Food and Drug Administration. This FISH test does not rule out other chromosome abnormalities.

Consultant	**Heather Lynn Owen**	**MCR**
Released Date	**09 Feb 2011 09:30**	**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.

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TESTING, FBLP	Final	02/09/11 09:19 A