MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, FLYM	L3MRNG9164279	75	F	G9164279

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
02/08/11 10:13 A	02/08/11 10:13 A	03/09/11 08:06 A	DATE OF BIRTH: 8/12/1935

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, Ts — **REPORTED: 02/08/11 10:21 A**

Specimen	**Tissue-Paraffin**	**MCR**
Specimen ID	**1053444**	**MCR**
Source		**MCR**

```
Right neck lymph node  A1  PR10 47805
```

Order Date	**08 Feb 2011 10:14**	**MCR**
Method		**MCR**

```
FISH probes and locus
-------------------------------------------------------------
t(8;var)          8q24(5'c-MYC,3'c-MYC)
t(8;14)           8cen(D8Z2), 8q24(c-MYC), 14q32(IGH)
t(8;22)           8q24(c-MYC), 22q11.2(IGL)
```

Reason For Referral	**reactive vs lymphoma**	**MCR**
Results		**MCR**

```
NOMENCLATURE:
nuc ish(c-MYCx3),(IGHx3),(c-MYC con IGHx2)[55/100]
```

Interpretation — **MCR**

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The result is abnormal and indicates c-MYC/IGH fusion,
t(8;14), in 55% of nuclei.  This translocation has been
associated with several aggressive B-cell malignancies,
including Burkitt lymphoma.  Clinical and pathologic
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.
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.
```

** Perform Site Legend on last page of report*

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TESTING, FLYM	Final	02/08/11 10:13 A

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TEST REQUESTED	HI LO		REF RANGE	PERFORM SITE *
Consultant		**Heather Lynn Owen**		**MCR**
Report Date		**08 Feb 2011 10:19**		**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, FLYM	Final	02/08/11 10:13 A

Specimen receipt and report times are in CST/CDT

REPRINT