MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, FCHOP	L3MRNG9164233	57	M	G9164233

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
02/07/11 10:11 A	02/07/11 10:11 A	03/08/11 02:02 P	DATE OF BIRTH: 5/5/1953

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

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

DDIT3 (CHOP), 12q13, FISH — **REPORTED: 02/07/11 10:16 A**

Specimen	**Tissue-Paraffin**	**MCR**
Specimen ID	**1053374**	**MCR**
Source		**MCR**

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S10 10515 9  HR10 44456
```

Order Date	**07 Feb 2011 10:13**	**MCR**
Reason for Referral	**tumor of left foot**	**MCR**

Method — **MCR**

```
FISH for rearrangement of the DDIT3 locus with probes for
the 5' and 3' regions of the DDIT3 gene at 12q13.
```

Result — **MCR**

```
nuc ish(DDIT3x2)(5'DDIT3 sep 3'DDIT3x1)[177/200]
88.5% of 200 nuclei had a separation of the 5'DDIT3 and
3'DDIT3 signals.  The normal cutoff is <7% for one 5'DDIT3,
one 3'DDIT3 and one 5'DDIT3/3'DDIT3 fusion signal.
```

Interpretation — **MCR**

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The result is abnormal and indicates a rearrangement
involving the DDIT3 gene region.  Rearrangement of the DDIT3
gene at 12q13 has been observed in myxoid/round cell
liposarcoma.  Clinical and pathologic correlation is
recommended.  Rabbitts et al., Nat Genet 4:175-180, 1993;
Sandberg, Cancer Genet Cytogenet 155:1-24, 2004; Downs-Kelly
et al., Am J Surg Pathol 32(1):8-13, 2008.
DISCLAIMER:  This test was developed and its performance
characteristics determined by Laboratory Medicine and
Pathology, Mayo Clinic Rochester.  It has not been cleared
or approved by the U.S. Food and Drug Administration.  This
test is intended to be used as an adjunct to existing
clinical and pathologic information currently used for the
differential diagnosis of myxoid/round cell liposarcoma.
This FISH assay does not rule out other chromosome
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** Perform Site Legend on last page of report*

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TESTING, FCHOP	Final	02/07/11 10:11 A

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200 First Street SW
Rochester, MN 55905
507-284-8202

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *
abnormalities.			
Consultant	**Heather Lynn Owen**		**MCR**
Released Date	**07 Feb 2011 10:15**		**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, FCHOP	Final	02/07/11 10:11 A

Specimen receipt and report times are in CST/CDT

REPRINT