MAYO CLINIC
Mayo Medical Laboratories

LABORATORY SERVICE REPORT

1-800-533-1710

PATIENT NAME	PATIENT NUMBER	AGE	SEX	ACCESSION #
TESTING, 81409	L3MRNG9166099	NOT GI		G9166099

ORDERING PHYSICIAN	CLIENT ORDER #	ACCOUNT #
		LIAISONS

COLLECTION DATE TIME	RECEIVED DATE TIME	REPORT PRINTED DATE TIME	SPECIMEN INFORMATION
03/08/11 08:53 A	03/08/11 08:53 A	03/09/11 10:21 A	DATE OF BIRTH:

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

TEST REQUESTED	HI LO	REF RANGE	PERFORM SITE *

Newborn Aneuploidy Detection, FISH — **REPORTED: 03/08/11 08:58 A**

Specimen	**Blood**	**MCR**
Specimen ID	**1053701**	**MCR**
Order Date	**08 Mar 2011 08:54**	**MCR**

Method — **MCR**

```
FISH analysis of 100 nuclei with probes for Xcen (DXZ1),
Ycen (DYZ3), 13q14 (Rb1), 18cen (D18Z1) and 21q22 (D21S341).
```

Reason For Referral — **MCR**

```
dysmorphic facial features
```

Results — **MCR**

```
Chromosome        Result
----------------------------
XY                normal
13                normal
18                normal
21                normal
NOMENCLATURE
nuc ish(DXZ1x1,DYZ3x1,D18Z1x2),(Rb1,D21S341)x2
Of 100 nuclei, 100 had 1 DXZ1 and 1 DYZ3 signal, 100 had 2
D18Z1 signals, 100 had 2 signals for 13q14 and 100 had 2
signals for 21q22.
```

Interpretation — **MCR**

```
A normal signal pattern for chromosomes 13, 18, 21 and XY
was observed.
This result should be evaluated in conjunction with
karyotype analysis and clinical findings.
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
FISH assay does not rule out other chromosome anomalies.
```

** Perform Site Legend on last page of report*

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, 81409	Final	03/08/11 08:53 A

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Jalal et al., Mayo Clin Proc 73:132-137, 1998			
Consultant	**Heather Lynn Owen**		**MCR**
Report Date	**08 Mar 2011 08:56**		**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, 81409	Final	03/08/11 08:53 A

Specimen receipt and report times are in CST/CDT

REPRINT