

1-800-533-1710

PATIENT NAME TESTING, ZYG			PATIENT NU L3MRNG91			AGE 40Y	SEX M	<b>ACCESSION #</b> G9159475
ORDERING PHYSICIAN		CLIENT ORD	CLIENT ORDER #			•	ACCOUNT # LIAISONS	
COLLECTION 11/09/10 03:52 P			<b>REPORT PRI</b>	<b>NTED</b> 01:11 P	SPECIMEN INFORMA	TION		
DATE TIME	DATE	TIME	DATE	TIME	DATE OF BIRTH.			
Test Client								
Attn: Mayo Liaisons								
200 First Street SW								
Rochester, MN 55905								
507-284-8202								

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TEST REQUESTED LO REF RANGE PERFORM SITE \*

## **Zygosity Testing (Multiple Births)**

 Specimen
 Blood
 MCR

 Specimen ID
 1034893
 MCR

 Order Date
 11 Nov 2010 09:02
 MCR

 Reason For Referral
 MCR

Determine if siblings are monozygotic (identical) twins.

## Method

MCR

A PCR based assay on the DNA from siblings was used to analyze a series of unique polymorphic markers to determine if these siblings are monozygotic twins. The markers used include: D2S2368, D6S441, D7S484, D8S262, D1OS197, D13S158, D14S70, D15S1002, D16S520, D17S250, D2IS1252, and mycl.

Result MCR

The genotypes of X and X for the tested markers were the same. Please see attached pedigree for results.

## Interpretation MCR

This result suggests (but does not prove) that these siblings are monozygotic twins. Parental samples were not available for analysis. Therefore, it is not possible to unequivocally assess the zygosity of these two individuals. Any error in the pedigree provided to us, including false paternity, will lead to an erroneous segregation pattern. CAUTIONS:

Test results should be interpreted in context of clinical findings, family history, and other laboratory data. Misinterpretation of results may occur if the information provided is inaccurate or incomplete.

Rare polymorphisms exist that could lead to false negative or positive results. If results obtained do not match the clinical findings, additional testing should be considered. Bone marrow transplants from allogenic donors will interfere

\* Perform Site Legend on last page of report

PATIENT NAME	ORDER STATUS	COLLECTION DATE AND TIME
TESTING, ZYG	Final	11/09/10 03:52 P



1-800-533-1710

		L3MRNG9159			<b>AGE</b> 40Y	SEX M	<b>ACCESSION #</b> G9159475
ORDERING PHYSICIAN		CLIENT ORDER #					ACCOUNT # LIAISONS
		REPORT PRINTED			TION		
DATE	TIME	DATE	TIME	DATE OF BIRTH.			
	11/09/10 03	11/09/10 03:52 P	L3MRNG9159  CLIENT ORDER  RECEIVED  11/09/10 03:52 P  REPORT PRINT  11/11/10	L3MRNG9159475  CLIENT ORDER #  RECEIVED  11/09/10 03:52 P  REPORT PRINTED  11/11/10 01:11 P	L3MRNG9159475  CLIENT ORDER #  RECEIVED REPORT PRINTED SPECIMEN INFORMA' 11/09/10 03:52 P 11/11/10 01:11 P DATE OF BIRTH:	L3MRNG9159475   40Y	L3MRNG9159475   40Y   M

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TEST REQUESTED

**REF RANGE** 

PERFORM SITE \*

with testing. Call Mayo Medical Laboratories for instructions for testing patients who have received a bone marrow transplant.

This test was developed and its performance characteristics determined by Laboratory Medicine and Pathology, Mayo Clinic. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Reviewed By: Heather Lynn Owen Release Date 11 Nov 2010 09:34 MCR 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, ZYG	Final	11/09/10 03:52 P

REPRINT