MAYO CLINIC LABORATORIES

1-800-533-1710

MATCC

Maternal Cell Contamination, Molecular Analysis, Varies

Patient ID	Patient Name		Birth Date	Gender	Age
SA00000988	SAMPLEREPDMGLM, VLD20150713A0249		1988-01-01	F	27
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00000988	SA00000988	CLIENT, CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		12 Jul 2015 18:31			

Maternal Cell Contamination, B

Result Summary MCR

NO MCC

Result MCR

Negative for maternal cell contamination.

Interpretation [1] MCR

Using a panel of polymorphic markers to compare maternal and fetal specimens, there was no evidence of maternal cell contamination in the fetal specimen.

A genetic consultation may be of benefit.

ADDITIONAL INFORMATION

An online research opportunity called GenomeConnect (genomeconnect.org), a project of ClinGen, is available for the recipient of this genetic test. This patient registry collects de-identified genetic and health information to advance the knowledge of genetic variants. Mayo Clinic is a collaborator of ClinGen. This may not be applicable for all tests.

Test results should be interpreted in the 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 false-positive results. If results obtained do not match the clinical findings, additional testing should be considered.

Bone Marrow transplants from allogenic donors will interfere with testing. Call Mayo Clinic Laboratories for instructions for testing patients who have received a bone marrow transplant.

Multiple in-silico evaluation tools may have been used to assist in the interpretation of these results. Of note, the sensitivity and specificity of these tools for the determination of pathogenicity is currently unvalidated.

Reason for Referral MCR

Prenatal specimen submitted for Molecular testing. Evaluate for the presence of maternal cell contamination.

Specimen MCR

Cultured Cells

Source MCR

Amniotic Fluid

Method MCR

A PCR-based assay using a panel of polymorphic markers was used to compare maternal and fetal specimens to test for the presence of maternal cell contamination in the fetal cells. The markers used include: D2S2368, D6S441, D7S484, D8S262, D10S197, D13S158, D14S70, D15S1002, D16S520, D17S250, D21S1252, and mycl.

Released By MCR

EMILY LAUER

Received: 13 Jul 2015 20:27 **Reported:** 24 Jul 2015 19:32

Test Environment ETBM Template

Laboratory Notes

[1] This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292