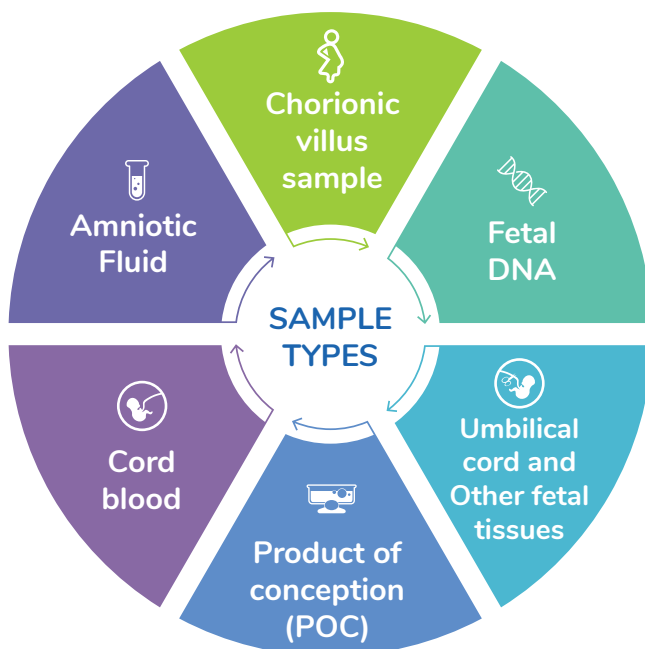


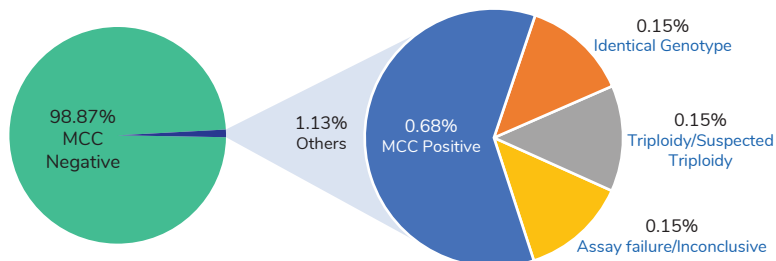
Maternal Cell Contamination Testing

What is Maternal Cell Contamination (MCC)?

- MCC analysis is a vital first step for genetic testing.
- It ensures that only the fetal DNA is tested by ruling out the presence of maternal cell/DNA from the sample.
- The presence of maternal cells/DNA in the fetal sample collected can cause misdiagnosis of the condition tested in the fetus.



Distribution of outcome in MCC – Fetus samples – Amniotic Fluid, Chorionic villus sample, Fetal tissue



Distribution of outcome in MCC-POC analysis

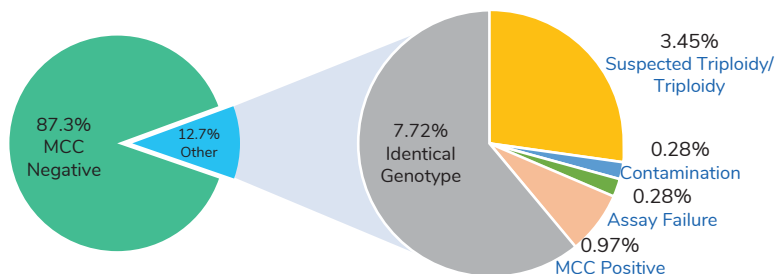


Figure: Representative outcome of Maternal Cell Contamination Testing.
The above chart depicts data from analysis of 2617 prenatal samples.

Analysis of samples set up for Culture

Samples set up culture		0.49%
Reason for culture	Visible contamination	62.50%
	MCC positive*	37.50%
*MCC positive result after analysis of samples without visual contamination		

Note: In a small percentage of cases, a culture might be set up due to visible contamination in the received sample or MCC positive result on the uncultured sample. The assay will be repeated on the cultured cells and it may lead to extended Turn Around Time.

Mandatory information required

Patient Name	Demographic Details	Sample Type	Mode of Conception	Consent
TAT: 2 Working Days				



Genetic Counseling: FREE pre & post test genetic counseling available with our experts for your patients. Please email us at mccaneuploidy-mgind@medgenome.com