



INDIANA UNIVERSITY

DEPARTMENT OF MEDICAL AND MOLECULAR GENETICS
School of Medicine

Announcement of Changes to Acceptable Sample Types
IU Genetic Testing Laboratories
Division of Diagnostic Genomics
October 15, 2018

The IU Genetic Testing Laboratories are now **accepting products of conception (POC) specimens for Constitutional Chromosomal Microarray Analysis (CMA)**.

According to the **American College of Obstetricians and Gynecologists (ACOG)**, "Chromosomal microarray analysis of fetal tissue...is recommended in the evaluation of intrauterine fetal death or stillbirth when further cytogenetic analysis is desired because of the test's increased likelihood of obtaining results and improved detection of causative abnormalities."¹

Tissue transport media will be provided upon request for collecting fresh tissue samples (not frozen or fixed) to be submitted to the IU Cytogenetics Laboratory. Please call or email Kristen (317-274- 2243, klbennet@iu.edu) or Ronae (317-278-6528, rdw2@iu.edu) for assistance. Maternal blood (3-5 ml in EDTA) is also requested for maternal cell contamination studies.

These test options can now be found on the updated requisition form at <http://geneticslab.medicine.iu.edu/Requisition-Forms.html>.

Reference:

1. ACOG Committee Opinion Number 682, December 2016.

Gail H. Vance, M.D.
Laboratory Director

Jennelle C. Hodge, Ph.D.
Laboratory Co-Director

Amy Breman, Ph.D.
Laboratory Co-Director