



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
July 25, 2018

This announcement pertains to expanding the acceptable sample types in the IU Genetic Testing Laboratories, effective immediately. In order to further enhance patient care, the Cytogenetics Laboratory is now accepting buccal swabs for the following test: **Constitutional Chromosomal Microarray Analysis (CMA)**.

Buccal collection kits will be provided on request - Please call or email Kristen (317-274-2243, klbennet@iu.edu) or Ronae (317-278-6528, rdw2@iu.edu) for assistance.

Collection specifications for buccal swabs as a source of DNA:
Properly collected buccal swabs are an acceptable source of DNA and offer a simple and non-invasive alternative to a needle stick. However, buccal swabs are subject to greater variability in DNA quality and quantity than a traditional blood draw. For more consistent results, we prefer, whenever appropriate, to use peripheral blood as the source of DNA for CMA analysis. Buccal swabs will be provided upon request for collecting samples to be submitted to the IU Cytogenetics Laboratory (see contact information above).

Gail H. Vance, M.D.
Laboratory Director

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

Amy Breman, Ph.D.
Laboratory Co-Director