

Fetal Tissue (Products of Conception) Chromosome Analysis

DESCRIPTION:

- This test will provide a fetal karyotype allowing for the detection of chromosome abnormalities. Chromosome aneuploidy can result in miscarriage.

METHOD OF ANALYSIS:

- G-Banded chromosomes of 15-20 mitotic cells are examined from cultures
- Some products of conception may contain only maternal tissue. Samples with bacterial or fungal contamination may not yield results. Only fresh tissue can be used.

SAMPLE REQUIREMENTS:

- If possible submit placenta as best results are obtained from placental villi. If an autopsy is performed, aseptically obtain a small piece of tissue with subepidermal layers (chest wall cartilage, kidney). Place tissue in a sterile container with culture media (such as RPMI), or a balanced salt solution (Hank's). Do not place tissue in formalin.
- Minimum volume: 20-30 mg of tissue
- Maintain specimen at room temperature. If transport is delayed, sample can be refrigerated, do not freeze.

TEST CPT CODES:

- CPT 88233 Other tissue culture
- CPT 88262 Other tissue analysis
- CPT 88291 Interpretation and report

Discounts from list price are available for institutional billing under contractual arrangement with the laboratory. Contact Ellen Livers at 800-447-6614 ext 7523.