

Chorionic Villi Chromosome Analysis

DESCRIPTION:

- This test will provide a fetal karyotype allowing for the prenatal detection of chromosome abnormalities such as trisomy 21.

REASONS FOR REFERRAL:

- Testing may be appropriate for women who are 35 years of age or older, have a family history of a chromosome abnormality, have an abnormal fetal ultrasound, have a positive maternal serum marker screen, have a history of spontaneous abortions or a previous child with multiple congenital abnormalities.

METHOD OF ANALYSIS:

- G-Banded chromosomes of 20 mitotic cells are examined from cultured cells.
- Rarely culture failure can result. Specimen may contain maternal cells.

SAMPLE REQUIREMENTS:

- CVS transport tube is available from the Genetics Laboratory. 20 to 30 mg of chorionic villi is transferred to a sterile container containing transport media. Samples from twin (multiple pregnancies) should be placed in separate transport containers and appropriately labeled.
- Maintain specimen at room temperature. Do not freeze or refrigerate.

TEST CPT CODES:

- CPT 88235 Chorionic Villi Culture
- CPT 88267 Chorionic Villi Cell Analysis
- CPT 88280 Additional Karyotypes, each study
- CPT 88285 Additional Cells Counted
- 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.