Medical Genetics
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Winston Salem NC

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Test: Prenatal Chorionic Villus Sampling Chromosome Analysis

Purpose of Test: To identify chromosome abnormalities that can be detected by routine cytogenetic analysis. This includes: translocations, duplication, deletions, inversions, and numerical aberrations.

Required Information: Please provide indications (ICD-9) for testing on our referral form with each specimen. Accurate testing and interpretation may otherwise be compromised.

Chorionic Villus

- Obtain 20-30 mg of a chorionic villus specimen (CVS) by either the transabdominal or transcervical method.
- Transfer the CVS to a Petri dish containing transport medium.
- Using a stereomicroscope and sterile forceps, assess the quality and quantity of the villi and remove any blood clots and maternal decidua.
- Transfer the CVS by using sterile technique to one or two 15-mL centrifuge tube(s) with 15 mL of transport medium.
- Label the centrifuge tube(s) with patient's name.
- Send specimen refrigerated. If the specimen does not grow in culture, you will be notified within 7 days of receipt.

SPECIMEN CANNOT BE FROZEN OR PUT ON ICE.

Adjunct Tests: FISH for prenatal aneuploidy screening (13, 18, 21, X, Y)
No additional specimen is required.
Turn Around Time: 6-10 days

We will telephone you with the final chromosome report prior to sending the report.

CPT Code Information:

88235	AF/CVS tissue culture
88267	CVS; 15-20 cells, 2 karyotypes, GTG
88280	Additional karyotypes, each study
88285	Additional cells counted, each study