

Medical Genetics
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Winston Salem NC

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Test: Congenital Disorders Tissue/Skin Biopsy Chromosome Analysis

Purpose of Test: To identify chromosome abnormalities that can be detected by routine cytogenetic analysis. This includes: translocations, duplications, deletions, inversions, mosaicisms, marker chromosomes, 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.

Biopsy or Autopsy Tissue Specimen

- Wash biopsy site with an antiseptic soap (i.e. pHisoHex) and rinse area thoroughly with sterile water. Alternatively, you may use alcohol and let the area dry thoroughly before obtaining a sample.
- **Do not use iodine preparations.** A local anesthetic may be used.
- Biopsy specimens are best taken by punch biopsy to include full thickness of dermis. Biopsy should be 4 mm in diameter.
- Aseptically place biopsy in a screw-capped, sterile container with sterile media or alternatively Hank's balanced salt solution, Ringer's solution, or physiologically normal saline.
- Label container with patient's name.
- **SEND SPECIMEN REFRIGERATED, DO NOT FREEZE**

Adjunct Tests: FISH – No additional specimen required

Turn Around Time: 6-14 days

CPT Code Information:

88233	Tissue culture, skin, or solid tissue biopsy
88262	15-20 cells, 2 karyotypes, GTG
88280	Additional karyotypes, each study
88285	Additional cells counted, each study