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**Lab Dept:** Anatomic Pathology

**Test Name:** CHROMOSOMES, PLACENTA/ISSUE (ANW)

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***General Information***

**Lab Order Codes:** Only orderable from lab: POCC

**Synonyms:** Placenta; Stillborn tissue

**CPT Codes:** 88262 – Chromosome analysis; count 15-20 cells, 2 karyotypes, with banding  
88233 – Tissue culture skin or other solid tissue biopsy

**Test Includes:** Chromosome analysis

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***Logistics***

**Test Indications:** Useful for determining sex of a baby or chromosome abnormality

**Lab Testing Sections:** Anatomic Pathology - Sendouts

**Referred to:** Abbott Northwestern Cytogenetics (ANW Test: 428)

**Phone Numbers:** MIN Lab: 612-813-6711

STP Lab: 651-220-6560

**Test Availability:** Monday - Friday, on-call Saturday and Sunday

**Turnaround Time:** 6 - 15 days

**Special Instructions:** Aseptically collect tissue as soon as possible after delivery. Placenta should be taken from the fetal surface (include tissue from inside the placenta). Place all specimens collected in a screw-capped, sterile container with sterile saline or RPMI media. Refrigerate specimens after collection. **Specimens cannot be frozen.** Forward promptly.

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***Specimen***

**Specimen Type:** Placenta, stillborn tissue

**Container:** Sterile screw-capped container

**Collection:** See above instructions, Request form should include date and time of specimen collection, attending physician, diagnosis (or reason for referral), clinical status, information regarding medication or transfusions, and specimen type.

**Special Processing:** N/A

**Sample Rejection:** Frozen specimens

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***Interpretive***

**Reference Range:** 46, XX or 46, XY

No apparent chromosome abnormality.

Photograph of the representative karyotype included.

**References:** Abbott Northwestern Cytogenetics Lab