
Lab Dept: Anatomic Pathology

Test Name: TISSUE CHROMOSOMES, PROCESS AND HOLD

General Information

Lab Order Codes: Only orderable from lab: CTAN

CPT Codes: 88233 – Fibroblasts

Test Includes: Set-up and hold of tissue for possible cytogenetic testing

Logistics

Test Indications: Useful for further testing requiring viable cells.

Lab Testing Sections: Anatomic Pathology – Sendouts

Referred to: Abbott Northwestern Cytogenetics

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: See Collection

Specimen

Specimen Type: Skin, placenta, any tissue type

Container: Sterile screw-capped container

Collection: Aseptically collect skin biopsy as soon as possible after delivery. Biopsy should be taken from back, buttocks, or armpit and should be approximately 3 m in size. Place biopsy in a screw-capped, sterile container with sterile saline or RPMI media. Also, a piece of placenta containing chorionic villi must accompany the fetal biopsy. Place placenta specimen in a separate screw-capped, sterile container or RPMI media. Refrigerate specimens after collection. **Specimens cannot be frozen.** Forward promptly.

Special Processing: N/A

Patient Preparation: Physician preference

Sample Rejection: Nonviable cell culture; mislabeled or unlabeled specimen

Interpretive

Reference Range: No report will be issued unless further orders are received

Methodology: Fibroblast culture

References: Abbott Northwestern Cytogenetics Lab (July 2014)