
Lab Dept: Anatomic Pathology

Test Name: CHROMOSOMES, MALIGNANT TISSUE (FAIRVIEW UNIVERSITY)

General Information

Lab Order Codes: Only orderable from lab: CHTIS

Synonyms: Cytogenetic studies on malignant tissue, culture & analysis

CPT Codes: 88264 – Chromosome analysis, analyze 20-25 cells
88280 – Chromosome analysis; additional karyotypes, each study
88239 – Tissue culture for neoplastic disorders; solid tumor

Test Includes: Chromosome analysis

Logistics

Test Indications: Useful for determining chromosome abnormality.

Lab Testing Sections: Anatomic Pathology – Sendouts

Referred to: Fairview-University Diagnostic Laboratory - Cytogenetics

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6560

Test Availability: Daily, 24 hours

Turnaround Time: 7 - 21 days

Special 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. [See Collection.](#)

Specimen

Specimen Type: Neoplastic tissue

Container: Sterile screw-capped container

Draw Volume: 1 cubic cm (Minimum: 5 cubic mm) tissue

Collection:	Aseptically collect tissue as soon as possible after surgery. Place tissue in a screw-capped, sterile container with sterile saline or RPMI media. Store at room temperature, Do Not refrigerate or freeze. Must arrive within 24 hours of collection.
Special Processing:	Lab staff: Specimen must arrive at reference laboratory within 24 hours of collection. Store and ship at ambient temperatures. Contact reference laboratory before shipping.
Patient Preparation:	N/A
Sample Rejection:	Frozen or refrigerated specimen; specimen received more than 24 hours from collection; mislabeled or unlabeled specimens

Interpretive

Reference Range:	46, XX or 46, XY No apparent chromosome abnormality. Photograph of the representative karyotype included.
Critical Values:	N/A
Limitations:	N/A
Methodology:	Determined by Laboratory Director based on clinical information.
References:	Fairview-University Diagnostic Laboratory Web Page http://labguide.fairview.org/diagnostic.asp January 2012
Updates:	12/7/2015: Order code update CHTI to CHTIS