
Lab Dept: **Anatomic Pathology**

Test Name: **CHROMOSOMES, LEUKEMIC BLOOD (FAIRVIEW)**

General Information

Lab Order Codes: CHRB

Synonyms: Leukemic Chromosome Analysis to Fairview; LEUK BL; Leukemic Blood; Cancer Neoplastic

CPT Codes: 88237 - Tissue culture for neoplastic disorder; bone marrow, blood cells
88264 - Chromosome analysis; analyze 20-25 cells
88280 - Chromosome analysis; additional karyotypes, each study
88291 - Cytogenetics and molecular cytogenetics, interpretation and report

Test Includes: Leukemic Blood Chromosome interpretive report

Logistics

Test Indications: N/A

Lab Testing Sections: Anatomic Pathology – Sendouts

Referred to: University of Minnesota Medical Center, Fairview – Cytogenetics Lab
(UM test: LAB4695/BLLEUK)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 21 days

Special Instructions: N/A

Specimen

Specimen Type: Whole Blood

Container: Green top (sodium heparin, no gel) tube

Draw Volume: 10 mL (Minimum: 5 mL) blood

Processed Volume: Same as Draw Volume

Collection:	Routine Venipuncture
Special Processing:	Lab Staff: Do Not Centrifuge. Specimen should remain in the original collection container. Store and ship at room temperature. Specimen must arrive at the testing laboratory within 24 hours of collection. Specimens must be received in the Cytogenetics Laboratory Mon-Fri by 5:30 pm. Weekends and holidays by 4:30 pm. Specimens received after the above times will be processed the following day.
Patient Preparation:	N/A
Sample Rejection:	Clotted or frozen sample; mislabeled or unlabeled specimens; incorrect anticoagulant.

Interpretive

Reference Range:	An interpretive report will be provided
Critical Values:	N/A
Limitations:	N/A
Methodology:	Chromosome analysis by G-banding. Neoplastic.
References:	Fairview Diagnostic Laboratories July 2023
Updates:	07/20/2023: Updated CPT codes, edited reference lab test codes and methodology