
Lab Dept: **Anatomic Pathology**

Test Name: **CHROMOSOMES, BLOOD, HIGH RESOLUTION
(FAIRVIEW UNIVERSITY)**

General Information

Lab Order Codes: CHBL

Synonyms: Chromosome Analysis, Blood, High Resolution

CPT Codes: 88230 – Tissue culture for non-neoplastic disorders; lymphocyte
88264 - Chromosome analysis; analyze 20-25 cells
88289 - Chromosome analysis; additional high resolution study (if appropriate)
88291 – Chromosome analysis, interpretation and reporting

Test Includes: Chromosomes, High Resolution

Logistics

Test Indications: N/A

Lab Testing Section: Anatomic Pathology - Sendouts

Referred to: Fairview University of Minnesota Medical Center – Cytogenetics (UM
Test Code: LAB4690/BLHRCG)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 7 - 21 days, testing performed daily

Special Instructions: Special tube required. [See Container](#), contact the laboratory for appropriate tube.

For optimal testing, specimen must arrive at reference lab within 24 hours of collection.

Specimen

Specimen Type: Whole blood

Container: Green top (Sodium Heparin), no gel, tube

Draw Volume:	5 mL (Minimum: 3 mL) blood
Processed Volume:	Same as Draw Volume
Collection:	Routine blood collection
Special Processing:	Lab Staff: Do not centrifuge. Forward specimen to Send Outs. Store and ship at ambient temperature. For optimal testing, specimen must arrive at reference lab within 24 hours of collection.
Patient Preparation:	None
Sample Rejection:	Frozen or refrigerated specimen; mislabeled or unlabeled specimens, clotted specimen, incorrect anticoagulant.

Interpretive

Reference Range:	An interpretive report will be provided
Critical Values:	N/A
Limitations:	Specimens must be received in the Cytogenetics Laboratory Mon-Fri by 5:30 pm. Weekends and holidays by 4:30 pm. Specimens received after these cutoffs will be processed the following day.
Methodology:	Chromosome analysis by G-banding, congenital
References:	Fairview University Laboratories April 2023
Updates:	04/13/2023: Updated optimal and minimum specimen volume, acceptable specimen type, CPT codes, and reference lab code; clarified container type as no gel