
Lab Dept: Anatomic Pathology

Test Name: CHROMOSOME, BLOOD, LIMITED G-BAND STUDY

General Information

Lab Order Codes: GBAND

Synonyms: G-Bands; Karyotype; Limited G Band Analysis; Limited Chromosomes

CPT Codes: 88230 – Tissue culture for non-neoplastic disorders; lymphocyte
88261 – Chromosome analysis; count 5 cells, 1 karyotype, with banding
88291
88237

Test Includes: N/A

Logistics

Test Indications: N/A

Lab Testing Sections: Anatomic Pathology - Sendouts

Referred to: Fairview University of Minnesota Medical Center – Cytogenetics
(UM Test Code: LAB6603/LTDHR)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily

Turnaround Time: Results in 7-21 days

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

Specimen

Specimen Type: Whole blood

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

Draw Volume:	Blood: 10 mL (Minimum: 5 mL) blood (Note: 1-3 mL blood will be accepted for infants and small children)
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 room temperature. Must arrive at reference lab within 24 hours of collection.
Patient Preparation:	None
Sample Rejection:	Improper storage, mislabeled or unlabeled specimen, clotted specimens, incorrect anticoagulant

Interpretive

Reference Range:	An interpretive report will be provided
Critical Values:	N/A
Limitations:	CGH must have previously been reported or a limited study will not be performed. 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
References:	Fairview University Laboratories April 2023
Updates:	04/20/2023: Updated minimum specimen volume, CPT codes, reference lab code, and methodology