

## TITLE: CHROMOSOME ANALYSIS BLOOD

**Principle:** To follow appropriate steps for processing and shipping of specimen to

appropriate reference lab and properly processing results when received.

**Personnel:** Phlebotomists and Medical Technologists

**Referred Laboratory:** Rush University Medical Center

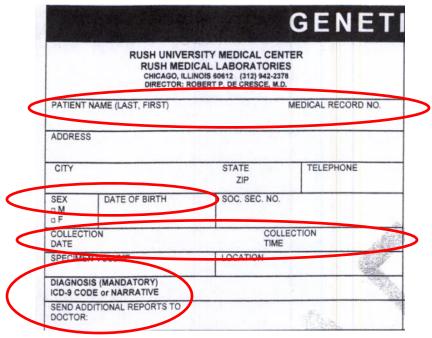
**Specimen Requirements:** 4.0mL Whole Blood in a **Sodium Heparin** tube (1 mL Min)

LIS Order Code: CHBLD

**Stepwise Procedure:** 

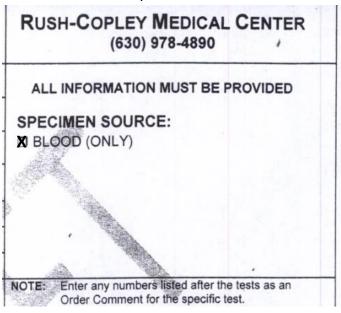
## **Specimen Processing:**

- 1. Receive specimen in the laboratory information system (LIS) using the computer in send outs and print 2 extra labels, one for the reference lab testing log and one to be attached the copy of the requisition.
- 2. Fill out a RUMC Genetics requisition completely (example attached in procedure manual).
  - 1. Complete the patient name, medical record number, gender, date of birth, collection date and time, diagnosis (reason for testing), and put the ordering provider in the "Send Additional Reports" box.

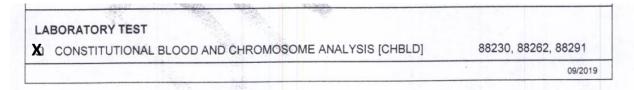




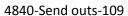
2. Mark "Blood" for the specimen source. This is the only source that can be used – do not add any other comments.



3. Mark the test "Constitutional Blood and Chromosome Analysis" at the bottom of the requisition.



- 3. Make a copy of the RUMC Genetics requisition to be kept in the Miscellaneous Laboratory Test box.
- 4. Package the specimen in a biohazard bag with the RUMC requisition placed in the outer pocket of bag.
- 5. Place the barcoded half of a MedSpeed "RML Rush Main Lab" sticker on the outside of the biohazard bag, along with an "ATTN: Genetics Lab" sticker.
  - 1. The "ATTN: Genetics Lab" stickers are located in the same file as the RUMC requisitions.
- 6. Place the non-barcoded half of the MedSpeed label on the copy of the RUMC requisition.
- 7. Monday through Friday, before the last pickup at 5pm, place the packaged specimen in the RUSH Room Temperature box.





## Rush Copley Medical Center

- 8. Friday after the evening pickup through Sunday, MedSpeed must be contacted for a pickup at (630) 617-5050. Inform them that you have a specimen to be sent to Rush University Main Lab and place the specimen in the Rush Room Temperature box to await pickup.
- 9. Place one of the extra LIS labels on the Yellow Reference Lab Log.
- 10. Place the copy of the completed RUSH requisition in Miscellaneous Laboratory Tests file box with the second LIS accession label attached.

## **Results Processing:**

- 1. When Final Results are received, remove order requisition from Miscellaneous Laboratory Tests file box.
- 2. Place LIS label on results and place results in "To Be Scanned" basket in LCC area for phlebotomy staff to scan into LIS.
- 3. Discard order requisition in appropriate PHI receptacle.