**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:** Phlebotomist and Medical Technologist

**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 into send outs function of the LIS 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).
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 a n “ATTN: Genetics Lab” sticker, located in the Rush folder in the requisition drawer.
6. Place a LIS accession label and the non-barcoded half of the MedSpeed label on the Yellow Reference Lab Log.
7. Monday through Friday, before the last pickup at 5pm, place the packaged specimen in the RUSH Room Temperature box on the counter above the freezer.
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 on the counter above the freezer to await pickup.
9. Place the copy of the completed RUSH requisition in Miscellaneous Laboratory Tests file box with a 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.