

**TITLE: Guide to General Chromosome Testing on Blood, Fluids, and Tissues**

**Principle:** To correctly prepare and send specimens for chromosome testing to the correct reference laboratory for testing and properly process results when received.

**Personnel:** Phlebotomists and Medical Technologists

**Referred Laboratories:** ACL Laboratories  
Rush Medical Labs  
Natera Laboratories

**Chromosome Testing on Tissue or Amniotic Fluid, Collected in Labor and Delivery or OB**

Send testing to ACL Laboratories

See Procedures: 4840-Sendouts-103 – Amniotic Fluid Chromosome Analysis  
4840-Sendouts-112 – Chromosome Analysis Tissue/Products of  
Conception (ACL)

\*\*Cytogenetics form must be completed and sent with the requisition!\*\*

**Chromosome Testing on Blood – Any collection area**

Send Specimen to Rush Medical Labs

See Procedure 4840-Sendouts-109 – Chromosome Analysis, Blood (RUMC)

**Chromosome Testing on Products of Conception Tissue, Collected in Day Surgery or ER**

Send Specimen to Natera using the Anora Kit

See Procedure 4840-SendOuts-183 – Products of Conception (Natera Anora) Kit  
Processing

\*\*Requisition must be signed by the patient and the provider!\*\*