Cytogenetics
Specimens for Prenatal, Neonatal, Adolescent and Adult Genetic Referrals

General Specimen Requirements

- Use sterile technique; maintain sterility.
- Label with two (2) identifiers.
- Close tubes tightly.
- Keep at ambient room temperature; avoid freezing or exposing the specimen to extreme temperatures. Protect from temperature extremes by adding an ice pack to the shipping carton during hot weather. **Keep the ice pack from coming into direct contact with the specimen**.
- Do not centrifuge or split specimens.
- Deliver ASAP, preferably the same day, and always within 24 hours.
- **NOTE**: All newborn bloods must be handled as STAT.

Information to Submit with Specimen

- Complete a Legacy Laboratory Services requisition.
- Include clinical indication or suspected diagnosis.
- If for prenatal testing, include gestational age.

General Shipping Guidelines

- **For local delivery:** Call Client Services at (503) 413-1234 to arrange local courier service.
- **For long distance shipping:** Ship specimens with a priority status for delivery within 24 hours. Use courier service previously arranged by your Legacy Diagnostic Field Representative. Call Client Services Toll Free 1-877-270-5566 to notify us of your transportation method and tracking number.

	AMNIOTIC FLUID	CHORIONIC VILLI	TISSUE e.g. POC, Skin Bx	BLOOD
CYTOGENETICS				
	First 2 mLs in tube for AFP; plus 20-30 mL of fluid distributed evenly between two sterile tubes.	10-20 mg covered with sterile saline, Hank's balanced salt solution or transport media (e.g. RPMI).	Approx 1.0 cm^3 biopsy (~ 3 x 5 mm), covered with sterile saline, Hank's balanced salt solution or transport media (e.g. RPMI).	2-5 mL blood in preservative free sodium heparin vacutainer tube (dark green top)