

Collection Containers and Test Names for Genetic Studies Labor and Delivery

Test names in Cerner/PowerChart	Use for:	Collection Notes
Anora (Microarray for POC) SENDOUT to <i>Natera</i>	Early Loss / Fetal Demise <20 wks or Still Birth >20 wks	Place fresh tissue in Natera Kit; include signed Natera form
Chromosome Constitutional	Live Birth	Peripheral or Cord Blood - Green Top Sodium Heparin (1-2 mL)
Microarray	Live Birth	Peripheral or Cord Blood - Purple Top EDTA (1-2 mL)
FISH Trisomy 13	Live Birth	Peripheral or Cord Blood - Green Top Sodium Heparin (1-2 mL)
FISH Trisomy 18	Live Birth	
FISH Trisomy 21	Live Birth	
FISH X/Y/SRY	Live Birth	



Purple Top (EDTA)



Green Top (Sodium Heparin)



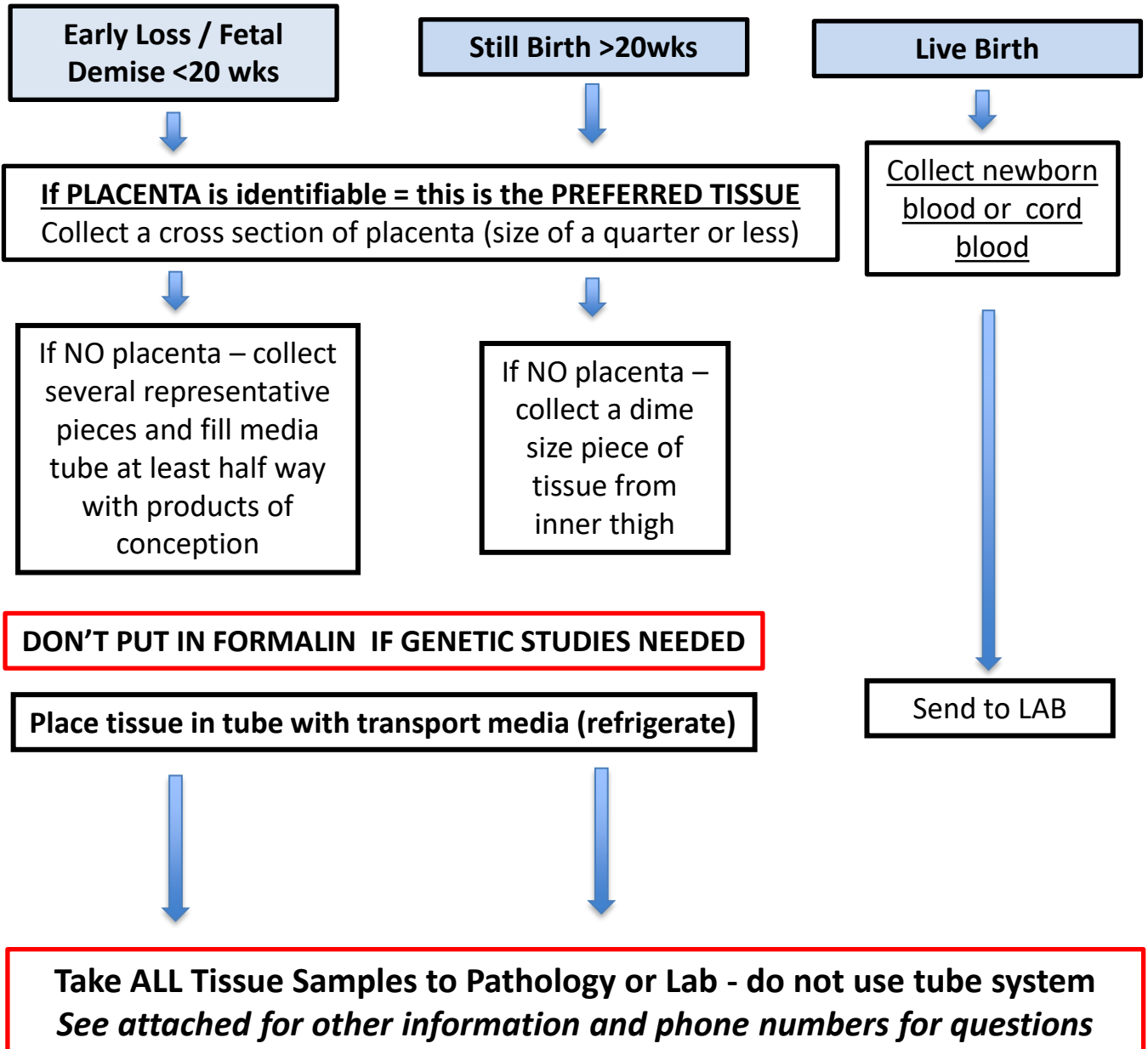
Natera Kit

Collection Process for Genetic Studies - Labor & Delivery Unit

Place Tissue for Genetic and Pathology Studies in Separate Containers

If Pathology Studies needed - Complete Pathology Requisition

If Genetic Studies Needed - order in PowerChart



Instructions for Transportation

- **Blood for Genetic Tests**
 - **Blood tubes can remain at Room Temperature**
- Tissues with Pathology requisitions go to Pathology
- Blood tubes with Genetic tests done in house go to the hospital Central Lab and from there sent to Esoteric Lab
- **Fresh** Tissue from fetal demise for Microarray studies is sent to Natera (via Referrals Lab) – keep refrigerated before sending
- **Send Genetic test requests with signed Genetic Consent Form or signed and completed Natera requisition form**
- **Send ONLY samples that have been divided by the OR (not the entire fetal demise sample)**

- **Esoteric Lab:** Open 6am-10pm M-F; 6am-3pm Sat/Sun. Phone: 813-443-8090
- 813-443-8098 Cytogenetics direct line (M-F)
- Fax: 813-443-8095 Cytogenetics

Pricing for Natera

- If the tissue was collected during an Outpatient Stay, then Natera will incur the expense and bill the patient.
 - Patient Cost will vary based on their deductible and Medical Plan
 - If the test is denied by their insurance, patient cost is \$349 if paid within 45 days and \$795 after 45 days
 - Please Refer to Natera’s Patient billing for complete information: https://my.natera.com/pricing/genetic_testing
- If the tissue was collected during an Inpatient Stay, then BayCare will incur the expense and bill the patient.
 - BayCare Cost is \$349

Test Explanations

- Chromosome Analysis
 - Detects chromosome numerical changes (aneuploidies, trisomies, etc.), balanced and unbalanced translocations, large (3-10Mb) genetic losses and gains.
- Microarray
 - Detects chromosome numerical changes (aneuploidies, trisomies, etc.), unbalanced translocations, small (400 Kb and above) and large genetic losses and gains.
- FISH
 - Detects specific aneuploidies depending on probe used

All these technologies can help diagnose chromosomal causes for fetal death and help determine recurrence risk of future pregnancy losses