Sample Requirements

NAT: Neonatal Alloimmune Thrombocytopenia
FETAL TYPING: Fetal Antigen Typing (NAT risk assessment)
PTP: Post Transfusion Purpura

McMaster Platelet Immunology Laboratory is the Ontario Reference Laboratory for the investigation of alloimmune platelet disorders.

Specimens Required:

NAT testing: Mother AND Father Whole blood (ACD or sod. citrate) and Serum
Baby’s typing: Baby (if required) Whole blood (EDTA)- 2mL
Fetal typing: Amniocytes (if required) Amniotic fluid - 20mL or Cord blood 2mL Whole
PTP testing: Patient Blood and Serum

Whole Blood: ACD or Sodium Citrate anticoagulant 30 mL

Draw 30 mL venous blood into anticoagulant
Do NOT centrifuge
Store and Ship at room temperature

Serum: Red top or Serum Separator Tube 10 mL

Draw 10 mL blood into vacutainer
Allow to clot – then centrifuge and transfer serum to plastic tube

Baby’s typing: (if required) EDTA blood 2mL

draw 2 mL blood into EDTA tube
Do NOT centrifuge. Store and Ship at room temperature

Fetal Typing: (if required) Amniotic Fluid (20mL into Red Top or non-anticoagulated tube)

Amniotic Fluid: Discard first 3mL amniotic fluid drawn
Then draw 20mL amniotic fluid for testing – use tube(s) without anticoagulant The sample can be drawn into red top vacutainers
Important – KEEP STERILE Keep sample at ROOM TEMPERATURE

Fetal cord blood (2 mL - EDTA tube)

Shipping:
Include Patient Data Form
Ship Overnight using Courier so samples are received within 5 days of draw
All shipment costs must be PREPAID by sender

Address:
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