

## Fetal Genotyping on MATERNAL PLASMA Collection Site Instructions

### **Collection Site Staff:**

1. Collect Specimens  
 Mother:
  - 4 X 6 mL EDTA whole blood (lavender/pink top)
 Father, (Required if mother has an anti-D):
  - 1 X 6 mL EDTA whole blood (lavender/pink top)
  
2. Ensure specimen labeling matches information on requisitions.
  
3. Keep specimens at room temperature (RT). Ship samples in a separate designated shipping container with attached RT labels.
  
4. Submit specimens, all requisitions and consent form as soon as possible by cab or courier. Keep entire documentation package together and submit with the samples to the following location:

If sample is being collected in...	Then send sample directly (by cab or courier) to ...
Edmonton	Prenatal Laboratory Canadian Blood Services 8249 - 114 Street Edmonton, AB T6G 2R8 (780) 431-8765
Calgary	Distribution Laboratory Canadian Blood Services 2775 116 Ave NE Calgary, AB T3N 1S5 403-410-2671 <ul style="list-style-type: none"> <li>• Calgary CBS will send on early morning courier to CBS Edmonton.</li> </ul>
Other location – as per CBS pre-approved courier arrangement	Prenatal Laboratory Canadian Blood Services 8249 - 114 Street Edmonton, AB T6G 2R8 (780) 431-8765  Fax the tracking number to: (780) 431-8747 or email to: <a href="mailto:perinatal@blood.ca">perinatal@blood.ca</a> Attention: Perinatal Supervisor

Specimens must be received at CBS Edmonton Monday - Thursday before 12:00h within 24 hours of specimen collection. Plasma preparation must occur within 48 hours of collection. Delay in sending samples impairs the ability of the laboratory to isolate fetal DNA from the maternal plasma for testing.

If you have any questions, please contact, Perinatal Supervisor at 780-431-8725.