

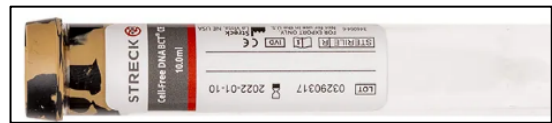
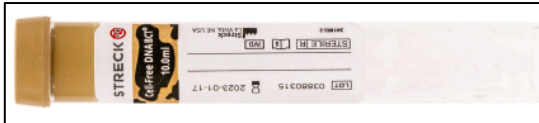
## NEUROBLASTOMA LIQUID BIOPSY (ctDNA) SPECIMEN COLLECTION PROCEDURE

### Kit Contents:

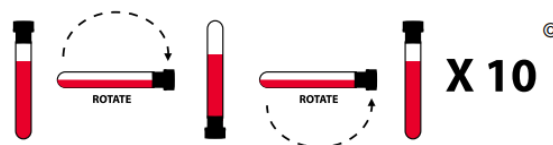
- 2 STRECK Cell-Free DNA blood collection tubes (BCT)
- 1 insulated foil envelope
- 1 95kPa Bag (i.e. plastic biohazard bag)
- 1 Aqui-Pak segmented absorbent pouch
- 1 gel wrap (**Please DO NOT REFRIGERATE this! It should remain at room temperature.**)
- 1 Tray-style transport box
- Labels: UPS Return Label (with Lab Pak Bag), Biohazard, Biological Substance Cat B (UN3373), 2 patient tube labels
- Forms: Specimen Collection Procedure, DGD Liquid Biopsy Requisition
- List of Contents card

### Collection Instructions:

1. Your kit should include 2 STRECK Cell-Free DNA BCT tubes (There are 2 stopper colors available, either is acceptable. Please see the images below.)



2. Collect specimens by venipuncture.
  - a. Since Cell-Free DNA BCT contains chemical additives, it is important to avoid possible backflow from the tube. To guard against backflow, observe the following precautions:
    - i. Keep the patient's arm in a downward position during the collection procedure.
    - ii. Hold the tube with the stopper in the uppermost position so that the tube contents do not touch the stopper or the end of the needle during sample collection.
    - iii. Release the tourniquet once the blood starts to flow in the tube, or within 2 minutes of application.
  - b. The STRECK tube has a capacity of 10mls. Collect 5-10mls per tube, and no less than 4mls per tube. Collect two tubes.
  - c. Remove the tube from the adapter and immediately mix by gentle inversion 8 to 10 times. Inadequate or delayed mixing may result in incorrect analytical results or poor product performance. One inversion is a complete turn of the wrist, 180 degrees, and back per the figure below:



3. Label the tubes with the patient's information (Name, DOB, collection date/time). We have provided tube labels if additional space is needed.
4. Complete the included requisition form. **(Note: Please be sure to complete the diagnosis and disease status sections on the form, this is required information).**
5. Store the tubes **at room temperature** until ready to transport to CHOP.
6. Ship the samples back in the CHOP-provided kit **at room temperature** with overnight delivery for receipt Monday through Friday, optimally within 24 hours of collection. **(Note: Please only ship samples out Monday through Thursday.)**
  - a. Place the tubes inside the absorbent pouch and insert into the 95kPa bag.
  - b. The bag is then placed in between the gel wrap and inserted into the insulated foil envelope.
  - c. Complete the List of Contents card as listed below and place this card on top of the insulated foil envelope:

<b>List of Contents</b>	
This item list must be placed between the secondary receptacle(s) and outer packaging in accordance with IATA Packing Instruction 650.	
<input checked="" type="checkbox"/> Diagnostic Specimens (Human, No Animal Matter)	<input checked="" type="checkbox"/> Absorbent Pad(s)
<input checked="" type="checkbox"/> Glass and/or Plastic Tubes	<input checked="" type="checkbox"/> Requisition
<input checked="" type="checkbox"/> Glass Slides/Slide Mailer	<input checked="" type="checkbox"/> Instruction Sheet
<input checked="" type="checkbox"/> Tube Separator Bag(s)	<input type="checkbox"/> Transport Media or Preservative
<input checked="" type="checkbox"/> Secondary Container/Canister	<input type="checkbox"/> Dry Ice
<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Gel Pack/Refrigerant
Therapak Corporation	54765

- d. Close the box and attach the Biohazard and UN3373 labels to it.
- e. Place the box into the pre-labeled UPS Lab Pak bag and return to UPS for shipment.

If you have any issues or questions, please contact CHOP Genomic Diagnostics Lab using the information included in the header of this document. Thank you!