

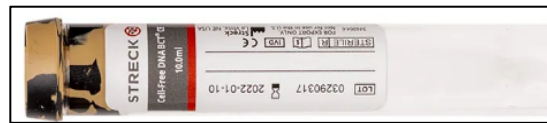
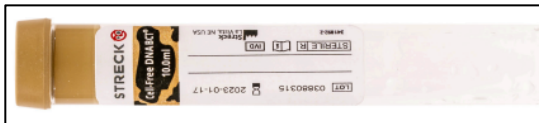
NEUROBLASTOMA LIQUID BIOPSY (ctDNA) SPECIMEN COLLECTION PROCEDURE

Kit Contents:

- 2 STRECK Cell-Free DNA blood collection vacutainers
- 1 insulated envelope
- 1 95kPa Bag (i.e. plastic biohazard bag)
- 1 Aquipak segmented absorbent pouch
- 1 gel wrap
- 1 Tray-style transport box
- 3 Labels: UPS Return, Biohazard, Biological Substance Cat B
- 2 Forms: Specimen Collection Procedure, DGD Liquid Biopsy Requisition

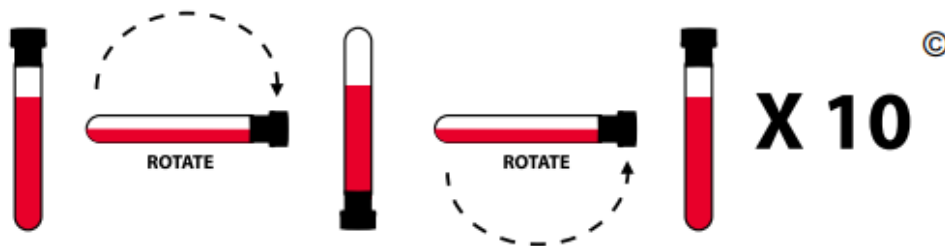
Collection Instructions:

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 on the following page:



3. Label the tubes with the patient's information (Name, DOB, collection date/time).
4. Store the tubes **at room temperature** until ready to transport to CHOP.
5. 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 envelope.
 - c. Following these steps will protect the samples from temperature spikes during transit.
6. Use the return shipping labels included in the kit to ship the samples back to CHOP.

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