

## LIQUID BIOPSY TEST

### Blood Collection Instructions

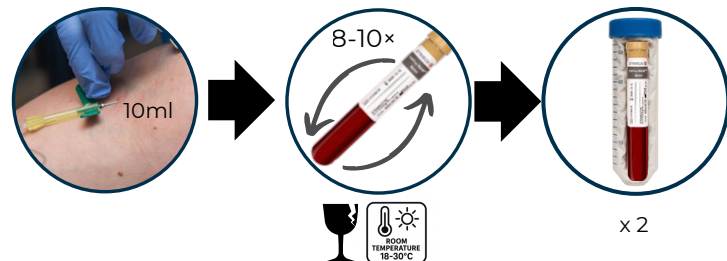
#### Samples Required

**2 × 10ml Streck cell-free DNA** (cfDNA) blood collection tubes ("tan top")

#### Procedure

1. Advise the patient that **two blood samples** will need to be collected.
2. Check the patient's ID and date of birth match the details on the request form.

- Handle Streck tubes carefully as they are **glass** and are susceptible to breakage.
- Perform venepuncture and **draw 10mL** of peripheral whole blood into a **10ml Streck cfDNA** tube.
- Fill the tube to the lid to minimise empty volume.
- **Mix** tube immediately after venepuncture by **gentle** inversion **8-10 times**, ensuring the blood is mixed thoroughly.
- Keep the tube at room temperature (18-30°C). **Do not refrigerate.**
- **DO NOT SHAKE OR FREEZE THE BLOOD SAMPLE.**
- Label tube with patient's name and date of birth, date and time of collection.
- **Repeat** with second collection tube.



- ✓ **On each tube:**
- Patient Name
  - Patient ID
  - Patient DOB
  - Date & Time of Collection

- ✓ **On the TRF (BLOOD COLLECTION section):**
- Date & Time of Collection
  - Collector Name
  - Collector Signature
  - Patient Initials

3. Ensure the collection times are recorded on the tubes.
4. Complete the BLOOD COLLECTION section at the bottom of the front page of the Test Request Form (TRF) noting the sample collection date and times, your name and signature.
5. Place Streck tubes into packaging for transportation, placing the original TRF into package:
  - Open a 50ml Falcon tube, place a Kimwipe in the bottom, place a Streck tube inside the tube, and place another Kimwipe on top of the tube; these steps aim to minimise movement of the Streck tube.
  - Close the Falcon tube securely; in the event of breakage, the Falcon tube should prevent leaks.
  - Place both Falcon tubes, with Streck tubes inside, inside a Biohazard bag and seal the Biohazard bag.
  - Place bag in specimen shipping box; pack with bubble wrap to minimise movement.
  - Seal shipping box.
6. Arrange delivery to LifeStrands Genomics Australia:
  - Arrange for courier pick-up as soon as possible and within 24 hours of collection, ensuring sample receipt at LifeStrands within 4 calendar days of collection.

Ensure samples have been collected, processed and labelled as instructed prior to packaging for transportation to:

**LifeStrands Genomics Australia**  
**Building A (G.01), 18-24 Ricketts Rd**  
**Mount Waverley, VIC 3149**  
**Phone: 03 7503 7794**