

# Blood Collection

## Instructions for Use

### Simsen® Personal Blood Collection Kit



Use this kit to collect a venous blood sample for tumour-informed ctDNA analysis at the Simsen laboratory. Follow the four steps below in order.

#### KIT CONTENTS



**Streck tubes x2**  
10 mL, tan cap



**EDTA tube x1**  
6 mL, purple cap



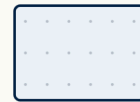
**Sample ID stickers x3**  
barcode and ID



**Biohazard bag x1**



**Absorbent pouch x1**



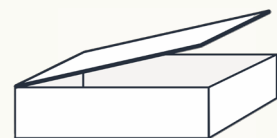
**Gel pack x1**



**Metallic envelope x1**



**Requisition form x1**



**Original box x1**

#### STORAGE

**18 to 30 °C**

**Unopened kit**  
Store between 18 and 30 °C.  
Do not exceed this range.

**6 to 37 °C**

**Drawn blood samples**  
Keep between 6 and 37 °C.  
Do not freeze.

## 1

### COLLECT BLOOD SAMPLES

1. Use two 10 mL Streck tubes (tan cap) for every patient. First-time patients also need one 6 mL EDTA tube (purple cap).
2. Fill each tube to capacity. If the volume is insufficient, draw an additional tube.
3. Allow each tube to fill for 60 to 90 seconds.
4. Use a 21-gauge straight needle for venepuncture.
5. If a vein collapses, attempt a second venepuncture with a fresh tube.



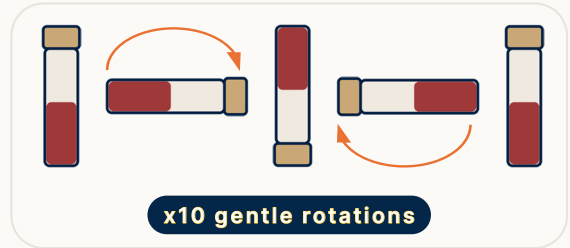
**2 × 10 mL Streck**  
**1 × 6 mL EDTA**

## 2

### ROTATE STRECK SAMPLES GENTLY

Immediately after drawing, gently rotate each Streck tube at least ten times to mix the blood with the reagent.

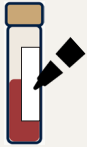
- **Do not** shake the samples.
- **Do not** seal the tubes with parafilm.



## 3

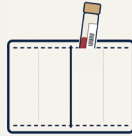
### PREPARE SAMPLES FOR SHIPMENT

1



Label each tube with the patient ID and collection date or timepoint.

2



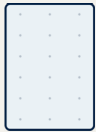
Place the tubes inside the absorbent pouch.

3



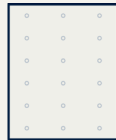
Insert the absorbent pouch into the biohazard bag

4



Place the bio-hazard bag inside the gel pack for cushioning.

5



Put the gel pack and biohazard bag into the metallic envelope.

6



Complete the requisition form and attach a sample ID sticker.

## 4

### SHIP THE PREPARED SAMPLES

1



Place the sealed metallic envelope and the completed requisition form into the original Simsen Personal Collection Kit box.

2



Attach the return label and seal the package. If preferred, place the kit box inside a secondary envelope and apply the label to the outer packaging.