

# Specimen Instructions

## Peripheral Whole Blood

Use only tubes provided inside the FoundationOne™ Liquid Collection and Shipping Box. Other tubes will not be accepted.



### Overview of Specimen Handling

Accurate analysis of cell-free DNA requires proper collection technique and handling of the sample. Failure to adhere to these instructions can compromise results by diluting cell-free DNA with DNA from white blood cell lysis.

- 1 Check special tubes provided in FoundationOne™ Liquid Collection and Shipping Box to confirm liquid is clear and without cloudiness or crystals.
- 2 Label each tube with the supplied labels indicating the date of collection and two unique patient identifiers (order identification number and date of birth).
- 3 Collect two tubes of whole blood (8.5mL per tube).
  - Prevent backflow: tubes contain chemical additives and it is important to avoid backflow into patient.
  - Collect specimen by venipuncture according to CLSI H3-A6.1
  - Fill tubes to marked level (8.5mL per tube).
- 4 Remove the tube from adapter and immediately mix by gentle inversion 8 to 10 times. Inadequate or delayed mixing may result in inaccurate test results. One inversion is a complete turn of the wrist, 180 degrees, and back per the figure below.
- 5 Place specimen, matching Test Requisition Form (TRF), and Diagnosis Confirmation sheet into the FoundationOne™ Liquid Collection and Shipping Box
  - Confirm each tube is labeled with the supplied labels indicating the date of collection and two unique patient identifiers (order identification number and date of birth).
- 6 Preferably on the same day of collection, arrange for courier pick-up. Do not freeze or refrigerate blood samples.

Temperature is important. Keep at room temperature (18-25 degrees Celsius).  
**DO NOT FREEZE.**



## Contact courier to send sample to:

**Foundation Medicine\*, Inc.**  
150 Second Street  
Cambridge, MA 02141  
Phone: +49 (0)7624 / 14-2098  
Email: [europa.foundationmedicine@roche.com](mailto:europa.foundationmedicine@roche.com)

\* See separate Packing Instructions for details.

### Reference

1. Clinical and Laboratory Standards Institute. H3-A6. Procedures for the collection of diagnostic blood specimens by venipuncture. approved standard (sixth edition).