

## Specimen Preparation Instructions



**GeneKor**

Committed to Biotechnological Innovation

The key sample consideration for GeneKor is to submit a total mass of cells that is sufficient to extract the amount of DNA necessary for analysis. This checklist was designed to help us work together to identify the best sample for each patient. However, solid tumor samples vary greatly from patient to patient, and you may have unique challenges not covered here. Please contact our Client Service Representative with additional questions.

### SAMPLE TYPE

#### FFPE BLOCK OR 8-10 SLIDES<sup>1</sup> (+H&E SLIDE)

Tissue should be formalin-fixed and embedded into a paraffin block. If sending slides, slides should be unstained, charged and unbaked, and should include an H&E slide. If sending a core biopsy, use 3-5 cores aligned and embedded in a single block, laid down so that when cut the blade is running parallel to the long axis of the cores.



OR

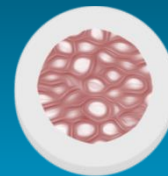


1. For ALK-FISH test 2-3µm. For all other tests 5-10µm

### TUMOR CONTENT

20%

if the ratio of malignant to non-malignant cells is too low, it will be difficult to extract enough DNA to assay. Please ensure that your sample has as much tumor content as possible.



**NOTE FOR LIVER SAMPLES:**  
At least 40% of sample should contain malignant content to ensure sufficient malignant DNA.

### SHIPPING INSTRUCTIONS

\* During the summer period we recommend to have an ice pack in the Kit (The ice pack SHOULD NOT directly touch the sample).

1. Place the GeneKor Requisition Form and all relevant patient insurance materials and reports into the GeneKor Specimen Kit.

2. Place the GeneKor Specimen Kit (including the GeneKor Requisition Form and relevant patient reports and insurance documents) into the provided shipping pack and seal the shipping pack.

3. Ship completed specimen kit (requisition form, insurance information and samples) to:

**GeneKor Medical S.A.**  
52 Spaton Ave.  
153 44 Gerakas  
Athens, Greece

Place all materials into GeneKor Specimen Kit and contact Client Service to schedule a pick up.

[www.genekor.com](http://www.genekor.com)

Please call **+30 210 603 2138** with questions or to request GeneKor Specimen Kits.

[info@genekor.com](mailto:info@genekor.com)

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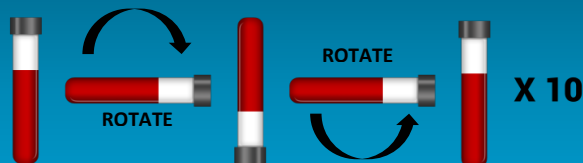
#### BLOOD SAMPLE

Blood should be collected in special vials, provided by GeneKor (Cell-Free DNA and/or RNA BCT® vials). Blood collection can be performed at any qualified center of your choice. GeneKor does not perform blood collection at its premises or in any other location.



### SAMPLING INSTRUCTIONS

1. Fill the vial completely (10 ml)
2. Since Cell-Free DNA/RNA BCT® vials contain chemical additives, it is important to avoid backflow from the vial.
3. Immediately mix by gentle inversion 8 to 10 times. Inadequate or delayed mixing may result in incorrect analytical results or poor product performance.
4. Sample can be stored for 7 days maximum, at temperatures between 6-37°C. DO NOT FREEZE the sample.



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\* **WARNING**, vials that are not labeled with the full name and/or code of the patient will **NOT** be accepted.

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