

Sample Collection Instructions | Tissue

NeXT Personal Dx

MRD Liquid Biopsy

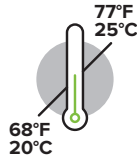
NeXT Dx

Tumor Profiling

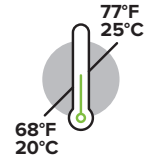
Follow the guidelines below to ensure submitted samples yield sufficient amounts of extracted DNA for sequencing and analysis.

SAFE STORAGE OF KITS

Store kits at room temperature:
68-77°F (20-25°C).



Do NOT expose tissue to temperatures **outside of room temperature:**
68-77°F (20-25°C)



REQUIRED FOR TEST PROCESSING

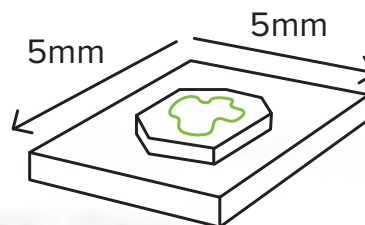
- ☐ Check Test Requisition Form (TRF): submit **1 FFPE tissue block or set of slides** for **single or dual product** orders (see sample preparation step 3 for instructions for submitting slides)
- ☐ Provide a copy of completed and signed Test Requisition Form
- ☐ Submit tumor specimen pathology report

REQUIRED FOR TEST PROCESSING

- 1** **Fix tissue samples** in 4-10% neutral buffered formalin immediately after surgical removal for 14-24 hours. *Note: decalcified bone is not accepted.*
- 2** Samples can be prepared as **FFPE Tissue Block (preferred)**: submit 1 FFPE block along with an H&E slide or unstained slide. **If sending block, SKIP to shipping instructions.** If using slides, see step 3.

Tumor requirement for ALL orders:

- Optimum tumor content required: $\geq 30\%$
- Minimum tumor content required: $\geq 20\%$



FFPE block
surface area:
25mm² /section

SAMPLE PREPARATION – CON’T

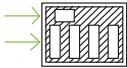
- 3 Samples can also be prepared as **slides**: send the minimum required (10 um-thick) unstained slides as indicated by the table below along with an additional unstained slide or an H&E slide. All slides must be unbaked and positively charged.

Tissue Type	# of slides	Surface Area	Sample Volume
Regular Tissue	≥ 5	25 mm ² /section	1 mm ³
Fatty Tissue	≥ 12	25 mm ² /section	2.5 mm ³

- Additional notes:**
- **FFPE sections** should be as fresh as possible. Older FFPE sections may yield poorer results.
 - **For core biopsy, use at least 3 cores.**
Note: for core needle biopsies, refer to the Lab Manual in Site Binder.

SHIPPING INSTRUCTIONS FOR BLOOD SAMPLES

- 1 **Place FFPE block and/or slides into foam insert.** Make sure all samples are labeled with two unique identifiers.



- 2 **Place the container** in the clear biohazard bag.



- 3 **Include copy of completed and signed Test Requisition Form (TRF) and Pathology Report** in the pocket located on the back side of the biohazard bag.



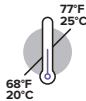
- 4 **Place the biohazard bag** in the Personalis kit box.



- 5 **Place the kit** in the provided FedEx Clinical pak and **seal the pak.**



- 6 **Store the samples at room temperature** before they are shipped. **Do NOT** refrigerate or freeze.



- 7 **Contact FedEx Monday-Friday for pickup: 800GOFEDEx.**



Personalis NeXT Dx® Test and NeXT Personal® Dx Test: These laboratory developed test (LDTs) will be performed in a CLIA/CAP accredited laboratory. The tests were developed and their performance characteristics determined by the Personalis Clinical Laboratory. They have not been cleared or approved by the United States Food and Drug Administration (FDA). The Personalis Clinical Laboratory is regulated under the Clinical Laboratory Improvement Amendments of 1988 (CLIA) as qualified to perform high-complexity clinical testing.