






EXaCT-1 | Whole Exome Sequencing

Tissue requirements and processing information

General Information

In order to perform EXaCT-1 Whole Exome Testing, we require one tumor and one matched normal/non-tumor sample (i.e blood). The minimum tumor cellularity required for the assay is 20%. In some cases, such as in patients with a hematological malignancy, a cheek swab may be required. Please contact the laboratory for additional information.

Tissue Requirements

	Tissue options	Amount required	Processing information
Tumor	FFPE Block — Or —	One diagnostic block Cellularity. >20%	 Decalcified specimens or samples not meeting minimum requirements may be rejected.
	Unstained Slides	20 Unstained Slides 1 Re-Cut H&E Slide	 Can be shipped at room temperature.
Normal	Peripheral blood	3 -5 ml	 Collect blood in lavender top tube and refrigerate until pre-arranged shipment, Must be shipped overnight.

Shipping Information

Shipment of peripheral blood samples should be sent overnight with a reliable courier. Samples should be sent to:

Weill Cornell Medicine
NY Presbyterian
Clinical Genomics Laboratory
1300 York Ave, LC-904
New York, NY 10065

Helpful Information

- Please label each specimen with at least 2 unique identifiers specific for that patient (i.e. name, DOB, accession number, etc.). Specimens may be rejected if they are not appropriately and correctly labeled.
- Samples that do not meet the minimum requirements as stated above may still be accepted and testing may still be attempted. Specimens that fall below the minimum requirements will be considered on a case by case basis.
- If a cheek swab is needed, contact the laboratory to arrange shipment of a specimen kit to you or your doctor.
- Please include the associated pathology report, and H&E recuts of tumor tissue.