



General Guide for Specimen Preparation

The following provides general instructions for preparing and shipping specimens to our PacificDx laboratory. We want to help you ensure the integrity of your specimens—please call 949.812.6944 if you have any questions about preparing your specimens for your specific testing needs.

ACCEPTABLE SPECIMENS

PacificDx accepts formalin fixed paraffin embedded (FFPE) tissue blocks/slides for genomic profiling of solid tumors, and plasma or whole blood collected in stabilizer tubes (Streck, Paxgene™, LBGard®) for ctDNA analysis. Please see tissue-specific guidelines below.

SPECIMEN PREPARATION

Whole Blood	3-5 mL of peripheral blood drawn into a purple top (EDTA) tube; for genomic profiling, plasma or whole blood collected in stabilizer tubes (Streck, Paxgene, LBGard) for ctDNA analysis, Specimens should be shipped at room temperature within 48 hours of collection. Please include the date and time of blood collection.
FFPE Tissue Blocks	FFPE cell blocks are the preferred sample type versus slides.
Unstained Slides	If sending unstained slides, please send a minimum of 10-15 slides, freshly cut at 4-6 microns. Archival cut slides are acceptable if less than 30 days old. Please include an H&E slide with estimated invasive tumor content documented.
FFPE Tissue	FFPE tissue from core needle biopsies, surgical excision, and cell block preparation cytology samples are acceptable specimens.
Biopsies and Excision Tissue	For biopsies and excision tissue, we recommend following CAP/ASCO guidelines with cold ischemia time < 60 minutes and 10% neutral buffered formal fixation between 6-72 hours. For more information see CAP/ASCO Recommendations. JCO 2013;31:3997-4013.

SHIPPING INSTRUCTIONS

Place specimen(s) and paperwork securely in a PacificDx or other appropriate shipping container. Complete the FedEx label and ship for next-day delivery to the PacificDx Laboratory at the following address. Please call 949.812.6944 if you have any questions at all about preparing your specimens for your specific testing needs.

PacificDx

Attention: Clinical Laboratory
5 Mason Drive
Irvine, California 92618