

Histology Testing

Name	Description	ThinPrep®	SurePath™	Aptima® Unisex Swab	Aptima® Vaginal Swab	Other Container	TAT
Tissue Evaluation	Pathology interpretation on any tissue for quality diagnosis.					Formalin. 20mL and 60mL. Larger sizes available by special request.	
Cervical and Endocervical Biopsies	Soft-ECC endocervical curette, and the SoftBiopsy exocervical gynecological biopsy device. Both devices employ a multipatented hooked fabric (Kylon®) that simultaneously biopsies with frictional raking/de-bonding of epithelium from stroma, and traps and stores the tissue for transport to the lab. The Spirabrush CX removes abundant tissue from epithelial surfaces of the cervix in the Spiral shaped stiff bristle array and are snapped free from the handle, and placed in the fixative vial where they are processed in the laboratory.					Biopsy brush, Spirabrush, Soft ECC brush. Additional conditions of collection also allowed. All biopsy specimens to be submitted in Formalin.	

Breast Cancer Testing Services

Name	Description	Specimen Requirements	TAT
HER2 Breast FISH	Disease(s): Breast cancer Probes: • HER2 (17q11.2-q12) • 17 (Cen 17)	Pathology Report: A copy of the pathology report is required for HER2 testing. Bone Marrow Aspirate: N/A Peripheral Blood: N/A Fresh, unfixed tissue: N/A Fluids: N/A Paraffin block: Send paraffin block Cut slides: H&E slide (required) plus 4 unstained slides cut at 4-5 microns. If ordering with reflex to HER2 Breast Equivocal FISH Panel, add one cut unstained slide (5 total).	3-5 days
HER2 Breast Equivocal FISH Panel	Disease(s): Breast cancer Probes: • TP53 (17p13.1) • SMS Critical Region (SMSCR) (17p13.1) • Centromere 17 (17p11.2) • RARA (17q21.1)	Pathology Report: A copy of the pathology report is required. Bone marrow aspirate: N/A Peripheral blood: N/A Fresh, unfixed tissue: N/A Fluids: N/A Paraffin block: Send paraffin block. Cut slides: H&E slide (required) plus 4 unstained slides cut at 4-5 microns. If ordering with reflex after HER2 Breast FISH, add one cut unstained slide (5 total).	3-5 days. Add 3-5 days if HER2 FISH is performed first.
HER2 IHC	The PATHWAY HER2 (1:1000) monoclonal antibody is used for semi-quantitative detection of HER-2 antigen. It is indicated for use in the assessment of breast cancer patients for whom Herceptin treatment is considered a first-line approved.	Pathology Report: A copy of the pathology report is required for HER2 testing. Cut Slides: 3 cut slides. Sections must be wrinkle and artifact-free. No additives in the water bath. Cut sections at 3-4 microns, and place tissue at the center bottom of the slide. Paraffin block: One H&E slide with one formalin-fixed paraffin embedded tissue block. Block should be sent with a cold pack. Block identifiers should be clearly written and match exactly with the specimen ID and the block labeling as noted on the requisition.	2 days 4 days: with consult.
NeoTYPE™ Breast Tumor Profile	This test is performed by the sequencing of select exons of the genes listed unless another method is noted. AKT1, BRAF, BRCA1, BRCA2, CTNNB1, EGFR, ERBB2, ERBB4, FGFR1, FGFR2, FGFR3, HRAS, KIT, KRAS, MET, NRAS, PIK3CA, PTEN, SMAD4, SMO, SRC, TP53, HER2 FISH, MET FISH, PTEN FISH and PD-L1 IHC. Test orders include summary interpretation of all results together. Note – Samples with equivocal HER2 FISH results will be reflexed to the Equivocal Breast FISH Panel. BRCA1/2 testing will be performed unless opted out.	NeoTYPE Cancer Profiles FFPE tissue: Paraffin block preferred. Please use 10% buffered formalin fixative. Do not use zinc fixatives. Fresh tissue: 1 cm³ fresh tissue that is mostly tumor in RPMI. Fine needle aspirate (FNA): Requisition must note specimen is FNA. FFPE cell blocks are acceptable if pathologist attaches note verifying sample has >30% tumor or abnormal cells (required). FNA smears or cells in suspension are not accepted.	14 days

