



CONWAY MEDICAL CENTER

PROCEDURE

When in hard copy form, refer to Policy Manager to validate this as the most current revision.

TITLE:	LAB-SPC-HIS-09.08-Breast HER2 and ER/PgR Fixation-PRO		
ISSUED BY:	Histology Senior Tech	REFERENCE #:	LAB-SPC-HIS-09.08-PRO
APPROVED BY:	Lab Director	EFFECTIVE DATE:	2014-09-16

SCOPE: Histology staff.

PROCEDURE:

I. SAMPLE SUBMISSION REQUIREMENTS

- A. Fixative: 10% neutral-buffered formalin
- B. Volume: Specimen must be immersed in a volume 10 times that of the sample.
- C. Time Limitation: Must be placed in formalin within one hour of the procedure.
- D. Submitted to the laboratory with Tissue Examination Card (See LAB-SPC-09.02)

II. FRESH SAMPLE SUBMISSION TO HISTOLOGY

- A. Pathologist will evaluate the specimen and assess margins or special studies prior to immersion.
- B. All required specimen times will be recorded on the tissue card by the pathologist.
- C. Times will be recorded on the surgical report and submitted to reference lab.

III. SPECIFIC TEST IMMERSION REQUIREMENTS: CAP/ASCO guidelines

- A. HER2:
 1. Standard: Fixed between 6-48 hours prior to test submission
 2. Fixation greater than 48 hours should automatically reflex to FISH testing.
- B. ER/PgR:
 1. Standard: Fixed between 6 – 72 hours prior to test submission
 2. Fixation greater than 72 hours will automatically result in the reference lab attesting to the accuracy on the report.

IV. PATHOLOGIST RESPONSIBILITIES FOR ADEQUACY OF SUBMISSION

- A. Ensure times are recorded appropriately and transcribed on the surgical pathology report.
- B. Pursue response and corrective action for any samples submitted without adherence to proper submission protocols. (this includes reporting in the hospital SHARE system)
- C. Evaluate all hormone receptor testing results based on immersion interval documentation.

V. DOCUMENTATION OF ALL TIMED STANDARDS: Surgical reports will include all time validations that appear on the Tissue Examination Card and will be a part of the Surgical Report.



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RECORDS: Surgical pathology Reports; Tissue Examination Cards

RELATED DOCUMENTS: LAB-SPC-09.02

REFERENCES: Journal of Clinical Oncology and Archives of Pathology and Laboratory Medicine,
<http://www.archivesofpathology.org/doi/pdf/10/1043/1543-2165-134.6.907>

REFERENCE STANDARDS:

CAP ANP.22983

REVISION/REVIEW HISTORY:

Date	Affected Section(s)	Summary of Changes ('Reviewed' or details of change)
09-16-14va	All	New written procedure.
03-16-15va	None	Reviewed. No content changes.
03-21-17va	None	Reviewed. No content changes.