Reporting Title: ER/PR, Semi-Quant IHC, Manual
Performing Location: Rochester

Specimen Requirements:
If being ordered for diagnostic purposes:
Order 5439 / Surgical Pathology Consultation and then request the stains.

If being ordered for prognostic purposes:
Specimen Type: Breast carcinoma
Preferred: A paraffin-embedded tissue block containing in-situ, invasive or metastatic breast carcinoma tissue that has been fixed in 10% neutral buffered formalin within 1 hour from surgical collection time and for a total of 6 to 72 hours and shipped at ambient temperature
Acceptable: 3 unstained sections, containing carcinoma, on charged slides cut at 4 microns <1 month ago and shipped at ambient temperature

Specimen Type: Non-breast carcinoma
Preferred: A paraffin-embedded tissue block containing carcinoma tissue that has been fixed in 10% neutral buffered formalin and shipped at ambient temperature
Acceptable: 3 unstained sections, containing carcinoma, on charged slides cut at 4 microns <1 month ago and shipped at ambient temperature
Container/Tube: Surgical Pathology Packaging Kit (Supply T554)
Collection Instructions:
1. Submit paraffin-embedded carcinoma tissue.
2. Include accompanying pathology report stating the final diagnosis. If not available, a preliminary diagnosis is acceptable.
3. Attach the green pathology address label included in the kit to the outside of the transport container.
Additional Information:
1. Information regarding fixative used, time to fixation and duration of fixation is required. When ordering 89213 / Estrogen/Progesterone Receptor, Semi-Quantitative Immunohistochemistry, Manual, the following questions, as stated on the order form or presented electronically, must be answered:
-"Was specimen fixed in 10% neutral buffered formalin within 1 hour from surgical collection time? Yes, No or Unknown."
-"Has specimen been fixed in 10% neutral-buffered formalin for 6 to 72 hours? Yes, No, or Unknown."
2. According to the College of American Pathologists (CAP)/American Society of Clinical Oncology (ASCO) guidelines, estrogen/progesterone receptor protein immunohistochemical test results are only valid for nondecalcified, paraffin-embedded specimens fixed in 10% neutral buffered formalin within 1 hour from surgical collection time and for a total time of 6 to 72 hours. Delay to fixation, under- or overfixation may affect these results.
3. Paraffin blocks will be returned with final report.
4. Estrogen/progesterone receptor testing is not appropriate and not performed for cases of lobular carcinoma in situ.
Forms: If not ordering electronically, submit a Pathology/Cytology Request Form (Supply T246) with the specimen.

Specimen Type	Temperature	Time
Mixed	Ambient (preferred)	
	Frozen	

	Refrigerated

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
89213	Q0000367	Was specimen fixed in 10% neutral buffered formalin within 1 hr from surgical collection time?: • Yes • No • Unknown	Answer List	No
89213	Q0000369	Has specimen been fixed in 10% neutral buffered formalin for 6-72 hours? : • Yes • No • Unknown	Answer List	No

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
19689	Accession Number			N/A
19690	Referring Pathologist/Physician			46608-6
19691	Ref Path/Phys Address			In Process
19692	Material:			N/A
19693	Tissue:			31208-2
19694	Interpretation:			In Process
19695	Comment:			48767-8
19696	SP Signing Pathologist:			N/A
19697	*Previous Report Follows*			N/A
19698	Addendum:			35265-8
19699	Addendum Comment:			22638-1
19700	Addendum Pathologist:			19139-5

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	PR	1	88360		
Billing only	ER	1	88360		

Reference Values:

Negative: <1% reactive cells
Focal positive: 1-10% reactive cells
Positive: >10% reactive cells