
Reporting Title: ER/PR Semi Quant IHC Manual**Performing Location:** Rochester**Ordering Guidance:**

This test is for prognostic purposes only.

For diagnostic purposes, order PATHC / Pathology Consultation and then request the stains.

Estrogen/progesterone receptor testing is not appropriate and not performed for cases of lobular carcinoma in situ.

Shipping Instructions:

Attach the green pathology address label included in the kit to the outside of the transport container.

Necessary Information:

1. **Include accompanying pathology report stating the final diagnosis.** If not available, a preliminary diagnosis is acceptable.
2. **Information regarding fixative used, time to fixation, and duration of fixation is required.** The following questions, as stated on the order form or presented electronically, must be answered:
 - a. "Was specimen fixed in 10% neutral buffered formalin within 1 hour from surgical collection time? Yes, No, or Unknown."
 - b. "Has specimen been fixed in 10% neutral buffered formalin for 6 to 72 hours? Yes, No, or Unknown."
 - c. "Was tissue decalcified? Yes, No, or Unknown."
 - d. "Tumor type? Primary breast carcinoma, metastatic breast carcinoma, or non-breast tumor."
 - e. "Tumor classification? Invasive breast carcinoma, ductal carcinoma in situ, metastatic breast carcinoma, micro-invasive breast carcinoma, solid/intracystic papillary carcinoma, or non-breast tumor."

Specimen Requirements:

Supplies: Pathology Packaging Kit (T554)

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

Collection Instructions: Submit paraffin-embedded carcinoma tissue

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

Collection Instructions: Submit paraffin-embedded carcinoma tissue

Additional Information:

1. According to the American Society of Clinical Oncology (ASCO)/College of American Pathologists (CAP) 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.
2. Paraffin blocks will be returned with final report.

Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

- [-Oncology Test Request](#) (T729)
- [-Immunohistochemical \(IHC\)/In Situ Hybridization \(ISH\) Stains Request](#) (T763)

Specimen Type	Temperature	Time	Special Container
Special	Ambient (preferred)		
	Refrigerated		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
ERPR	MA002	Fixed in 10% NB formalin w/in 1 hr: <ul style="list-style-type: none">• Yes• No• Unknown	Answer List	Yes
ERPR	MA003	Fixed in 10% NB formalin 6-72 hrs: <ul style="list-style-type: none">• Yes• No• Unknown	Answer List	Yes
ERPR	MA004	Tumor Type: <ul style="list-style-type: none">• Primary breast carcinoma• Metastatic breast carcinoma• NonBreast Tumor	Answer List	Yes
ERPR	MA005	Tumor Classification: <ul style="list-style-type: none">• Invasive breast carcinoma• Ductal carcinoma in situ• Metastatic breast carcinoma• Micro-invasive breast carcinoma• Solid/intracystic Papillary carcinoma• NonBreast Tumor	Answer List	Yes
ERPR	MA044	Tissue was decalcified: <ul style="list-style-type: none">• Yes• No• Unknown	Answer List	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MA002	Fixed in 10% NB formalin w/in 1 hr	Alphanumeric		8100-0
MA003	Fixed in 10% NB formalin 6-72 hrs	Alphanumeric		8100-0
MA004	Tumor type	Alphanumeric		44638-5
MA005	Tumor classification	Alphanumeric		21918-8
70965	Interpretation	Alphanumeric		50595-8
70966	Participated in the Interpretation	Alphanumeric		No LOINC Needed
70967	Report electronically signed by	Alphanumeric		19139-5
70969	Material Received	Alphanumeric		81178-6
71620	Disclaimer	Alphanumeric		62364-5
71834	Case Number	Alphanumeric		80398-1
MA044	Tissue was decalcified	Alphanumeric		8100-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

88360 x 2

Reference Values:

Negative: <1% reactive cells

Positive: > or =1% reactive cells