

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 11/5/1955
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Estrogen/Progesterone Receptor with Interpretation by Immunohistochemistry

ARUP test code 0049210

Estrogen Receptor IP Positive

% of Nuclei Staining (ER) 95 %

Estrogen Receptor Intensity Strong

Progesterone Receptor IP Positive

% of Nuclei Staining (PR) 2 %

Progesterone Receptor Intensity Weak

EstrogRecp IHC Internal Control Staining Present

Estrog/Progest Receptor Interpretation See Note

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-055-400984
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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4848

**INTERPRETIVE INFORMATION: Estrogen/Progesterone Recp
w/Interp IHC**

Tumor cell nuclei demonstrating immunoreactivity of greater than or equal to 1 percent are considered positive and correlate with a favorable response to hormone therapy and an improved prognosis. Tumor cell nuclei demonstrating immunoreactivity of less than 1 percent are considered negative.

A measurement of weak, moderate, or strong is reported based on an estimate of the average staining intensity of positively-stained tumor cells in the entire tissue section relative to positive and internal (benign glands) controls.

Cancers showing a low level (1-10 percent) of ER expression by IHC are considered "low positive". There are limited data on the overall benefit of endocrine therapies for patients with low level (1-10 percent) ER expression but they currently suggest possible benefit, so patients are considered eligible for endocrine treatment. There are data that suggest invasive cancers with these results are heterogeneous in both behavior and biology and often have gene expression profiles more similar to ER-negative cancers.

Staining is performed on paraffin-embedded formalin-fixed tissue. Antibody clone for ER is SP1, clone for PR is 16, and the detection system is a proprietary polymeric HRP. These clones are not currently FDA approved.

Evaluation of positive and negative controls for appropriate reactivity is also performed. For more information, refer to ASCO/CAP guidelines found at <http://www.jco.org>.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

H=High, L=Low, *=Abnormal, C=Critical

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Estrogen Receptor IP	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% of Nuclei Staining (ER)	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Estrogen Receptor Intensity	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Progesterone Receptor IP	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% of Nuclei Staining (PR)	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Progesterone Receptor Intensity	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EstrogRecp IHC Internal Control Staining	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Estrog/Progest Receptor Interpretation	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Fixative Used	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Time from Bx to Fixative	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Duration of Fixation	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Sample Adequacy	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ERPR Reference Number	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ERPR Tissue Source	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
ProgstRecp IHC Internal Control Staining	23-055-400984	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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