ACIS Templates: ER/PR/Her-2 Automated IHC Image Analysis Template for Breast Residents/Fellows

Accession #: ________________     Patient Name: __________________________________

Use ACIS Template Number:
   ACIS1  ER/PR/Her-2/neu
   ACIS2  ER/PR only
   ACIS3  Her-2/neu only

Soft Template
Site: [right/left] breast (Part ___)

Immunostain results for [invasive / metastatic] carcinoma cells are as follows:

<table>
<thead>
<tr>
<th>Receptor</th>
<th>IHC stain result:</th>
<th>Interpretation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ER</td>
<td>_______________%</td>
<td>[Negative/ Focal/Weak /Positive]</td>
</tr>
<tr>
<td>PR</td>
<td>_______________%</td>
<td>[Negative/ Focal/Weak /Positive]</td>
</tr>
<tr>
<td>Her-2/neu</td>
<td>[0 / 1+ / 2+ / 3+]</td>
<td>[Negative/ Focal/Weak /Positive]</td>
</tr>
</tbody>
</table>

The level of expression of HER-2/neu detected by automated cellular imaging system is equivocal for overexpression. A tissue block will be sent for HER-2/neu amplification FISH analysis and separate report will follow (please see the Molecular Diagnostics Lab section in MiChart).

Controls are appropriate.

Cold ischemia time: ______

Immunohistochemistry for ER (SP1), PR (IE2), and HER-2/neu (4B5) was performed using formalin-fixed, paraffin-embedded sections, and stains were interpreted in conjunction with the FDA-approved iScan Coreo System (Ventana Medical Systems, Inc.). Appropriate controls were run. Specimens processed by 10% Neutral Buffered Formalin. Detection method: Indirect, biotin-free DAB.

ASCO/CAP scoring criteria were used to assess HER-2/neu protein overexpression by IHC. Positive cases are those with strong and complete membrane staining in greater than 10% of invasive cancer cells (Score 3). Negative cases are defined as those with no staining or weak, incomplete membrane staining in less than or equal to 10% of cells (Score 0) or weak, incomplete membrane staining in greater than 10% of cells (Score 1+). Equivocal or indeterminate cases are those cases with strong staining in less than or equal to 10% of cells, or less than strong but complete membrane staining in greater than 10% of cells (Score 2+).