Lymph Node Grossing Aid – Technical Memo

SOLUTION:

<table>
<thead>
<tr>
<th>4 X 1 Gallon</th>
<th>20 Liter Cube</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 1093A</td>
<td>Part 1093B</td>
</tr>
</tbody>
</table>

For storage requirements and expiration date refer to individual bottle labels.

APPLICATION:

Newcomer Supply Lymph Node Grossing Aid is a ready-to-use fixative that serves as either a primary or secondary fixative to enhance the visibility and yield of lymph nodes in specimens in which lymph node examination is critical, such as; breast, colon, lung, radical neck dissection, small intestine and omentum.

The combination of formaldehyde, ethanol and acetic acid in the Lymph Node Grossing Aid solution allows for rapid tissue penetration. Following sufficient fixation/immersion lymph nodes will be visibly grayish in color, noticeably standing out from surrounding tissues and readily identifiable.

METHOD:

Fixation:

- Larger Biopsies: A minimum of 10-12 hours is recommended
- Small Biopsies: A minimum of 4 to 6 hours is recommended.

Solutions: All solutions are manufactured by Newcomer Supply, Inc.

FIXATION PROCEDURE:

1. Place fresh tissue in an adequate amount of Lymph Node Grossing Aid solution as soon as possible after surgical excision.  
   a. See Procedure Note #1.
2. Gross tissue specimen in a manner to allow Lymph Node Grossing Aid to adequately penetrate.
   a. Breast tissue: work with entire specimen or remove a smaller area with suspected lymph nodes. Bread loaf tissue to increase surface area and promote efficient fixative penetration.
   b. Colon tissue: cut open, rinse and pin-out, work with either a segment(s) of colon or entire specimen.
   c. Other specimens: gross to increase tissue surface area and promote efficient fixative penetration.
3. Return specimens to Lymph Node Grossing Aid solution and fix for a sufficient amount of time, depending upon size and type of tissue.
4. After adequate immersion in Lymph Node Grossing Aid, remove specimen and re-gross.
   a. Remove adipose and palpate for lymph nodes and/or identify nodes by their visibly grayish color.
5. Hold tissues in either Lymph Node Grossing Aid or Formalin 10%, Phosphate Buffered (Part 1090) until ready to process.
   a. See Procedure Note #2.

PROCEDURE NOTES:

1. A specimen initially received in Formalin 10%, Phosphate Buffered can remain in fixative until initial grossing occurs, then transferred to Lymph Node Grossing Aid solution as a secondary fixative.
2. Extended storage in Lymph Node Grossing Aid is not recommended. After fixation, transfer Lymph Node Grossing Aid wet tissue to Formalin 10%, Phosphate Buffered for long-term storage.

REFERENCES:

4. Modifications developed by Newcomer Supply Laboratory.

SUPPORT/WARRANTY: For assistance regarding this product contact Newcomer Supply at 800-383-7799 or info@newcomersupply.com. The information presented in this technical memo is to the best of our knowledge accurate. No warranty is expressed or implied. The user is responsible for determining the suitability of this product for their use and upon receipt assumes all liability for its use and responsibility for compliance with any laws or regulations. Please refer to www.newcomersupply.com for complete warranty information. © Newcomer Supply, Inc., 2021