Thermo Scientific Shandon Mucolexx
Instructions for Use

For in vitro diagnostic use.
For fixation of cytology specimens.

Thermo Scientific™ Shandon™ Mucolexx™ is a mucoliquefying preservative designed for use in the preparation of mucoid cytology specimens. For years cytotechnologists have been plagued with the problem of sticky, thick mucoid specimens. Mucolexx liquefies mucus and allows for optimal cytologic diagnostic results.

Instructions For Use

Mixing Instructions
Use full strength – Do not dilute.

Specimen Preparation
The specimen may be collected in a cup that contains 5-10 times the specimen volume of Mucolexx. Thermo Scientific pre-filled disposable cups are available. This will preserve the specimen until it reaches the laboratory. In cases where this would be inconvenient, use a clean, dry collection cup. Do not collect in alcohol. Specimens should be vigorously shaken as soon as possible after collection in Mucolexx. Use the following method for fresh specimens:

1. Place fresh, unfixed specimen in a 50 mL test tube.
2. Add an equal volume of Mucolexx to the specimen. Depending upon the degree of specimen viscosity, additional Mucolexx may be required.
   CAUTION: MUCOLEXX IS NOT A STERILIZING AGENT. When handling specimens in Mucolexx, universal precautions should be followed to avoid possible infection.
3. Cap the test tube and shake vigorously by hand. This step usually takes 30-60 seconds.
4. At this point the specimen may be centrifuged, the supernatant decanted and the resulting button used to prepare smears, Thermo Scientific Shandon Cytospin preparations and/or cell blocks.

Results
Mucus is liquefied. Microscopically, cells exhibit no cellular distortion or destruction. Cells display normal staining characteristics.

Limitations
It has been found that some specimens do not liquefy readily. If additional Mucolexx, additional time and additional agitation do not liquefy the mucus, one can disperse mucus by use of a blender. Cells do not tend to adhere to the blender when Mucolexx is used. For certain tenacious mucous samples which do not liquefy adequately in Mucolexx, the Saccomanno blender technique may be preferred.

Warnings and Precautions
See Safety Data Sheets for warnings and precautions, as well as EUH code definitions.
See container label for warnings and precautions.

Order Information

<table>
<thead>
<tr>
<th>Product</th>
<th>Size</th>
<th>Qty.</th>
<th>REF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mucolexx</td>
<td>500 mL (0.13 gal.) bottle</td>
<td>4/case</td>
<td>9990370</td>
</tr>
<tr>
<td>Mucolexx</td>
<td>4 L (1.06 gal.)</td>
<td>ea.</td>
<td>9990371</td>
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<tr>
<td>Mucolexx</td>
<td>120 mL cups filled to 60 mL</td>
<td>50/case</td>
<td>9990375</td>
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