Materials List for:
A Human Fallopian Tube Model for Investigation of C. trachomatis Infections

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Materials

<table>
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<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
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<tr>
<td>Cycloheximide</td>
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<tr>
<td>SPG Buffer</td>
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<td>see recipe below</td>
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<td>Monti's fixative</td>
<td>various</td>
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<td>sodium cacodylate buffer</td>
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<td>Richardson's stain</td>
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Recipes:

1. SPG Buffer

   1. Add 75 g sucrose.
   2. Add 2.47 g disodium phosphate.
   3. Add 0.36 g monosodium phosphate.
   4. Add 0.72 g glutamic acid.
   5. Fill to 1 l with aqua dest.
   6. Adjust pH to 7.3.

2. 0.1 M sodium cacodylate buffer, pH 7.35.

   1. Add 42.80 g dimethylarsenic acid sodium salt.
   2. Add 68.46 g sucrose.
   3. Fill to 1 l with aqua dest. to get 0.2 M sodium cacodylate buffer.
   4. Before use dilute solution with aqua dest. to desired concentration and adjust pH to 7.35 if necessary.

3. Monti's fixative

   1. Add 156 ml 0.12 M sodium cacodylate buffer. 3.2 Add 25 ml 25% glutaraldehyde in aqua dest.
   2. Add 19 ml 10% paraformaldehyde in aqua dest.
   3. Add 3 ml 3% CaCl₂ in aqua dest.
   4. Adjust pH to 7.35 and fill with aqua dest. to 312 ml final solution.

4. Richardson's stain

   1. Mix equal parts of 1% methylene blue in 1% aqueous borax solution and 1% Azur II in aqua dest.