AfCS Solution Protocol

Reagent name: Dry milk, 5%, in Tris-buffered saline Tween 20, 0.1 %
Reagent name abbreviation: 5% Dry milk/0.1% TBST
Protocol ID: PS00000024
Version: 01
Volume: 1 L

Components:

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Source</th>
<th>Catalog or Protocol No.</th>
<th>F.W. or Stock Conc.</th>
<th>Quantity</th>
<th>Final Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonfat dry milk</td>
<td>Grocery store</td>
<td>NA</td>
<td>100%</td>
<td>50 g</td>
<td>5% (w/v)</td>
</tr>
<tr>
<td>Tris-buffered saline, 10X, pH 7.6 (10X TBS)</td>
<td>None</td>
<td>PS00000062</td>
<td>10X</td>
<td>100 ml</td>
<td>1X</td>
</tr>
<tr>
<td>OmniPur polyoxyethylene (20) monolaurate (Tween 20)</td>
<td>EM Science</td>
<td>9480</td>
<td>1164</td>
<td>1 ml</td>
<td>0.1% (v/v)</td>
</tr>
</tbody>
</table>

Preparation:
1. Pour approximately 750 ml purified water into a 1-L beaker.
2. Measure the 10X TBS in a 100-ml graduated cylinder and add to beaker. Pipette Tween 20 into the solution, making sure to rinse all of the Tween 20 from the pipette tip into the solution.
3. Add nonfat dry milk to beaker. Cover with plastic wrap and stir well.
4. Transfer solution to a graduated cylinder and adjust final volume to 1 L with purified water.
5. Cover with Parafilm and mix by inversion.

Storage:
Temperature: 4 °C
Location: ______________
Aliquot size: NA
Special instructions: None

Author: Nick Wong
Date: 01/16/02
Approved: Suzanne Mumby
Comments: None