AfCS Solution Protocol

Reagent name: Bovine serum albumin, 5%, in Tris-buffered saline Tween 20, 0.1%

Reagent name abbreviation: 5% BSA/0.1% TBST

Protocol ID: PS00000020

Version: 01

Volume: 500 ml

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>Bovine serum albumin (BSA) (fraction V)</td>
<td>Fisher Biotech</td>
<td>BP1605-100</td>
<td>Powder</td>
<td>25 g</td>
<td>5% (w/v)</td>
</tr>
<tr>
<td>Tris-buffered saline, pH 7.6, 10X (10X TBS)</td>
<td>None</td>
<td>PS00000062</td>
<td>10X</td>
<td>50 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>500 µl</td>
<td>0.1% (v/v)</td>
</tr>
</tbody>
</table>

Preparation:
1. Pour 400 ml purified water into a beaker and stir.
2. Add 10X TBS and Tween 20. Be sure to rinse all of the Tween 20 from the pipette tip into the solution.
3. Add BSA, cover with plastic wrap, and stir until completely dissolved.
4. Transfer solution to a graduated cylinder and adjust to final volume with purified water.
5. Cover cylinder with Parafilm and mix by inversion.
6. Filter solution using a Nalgene SFCA filter unit (0.45-µm pore size).

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

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Date: 01/16/02

Approved: Susanne Mumby

Comments: None