AfCS Solution Protocol

Reagent name: Bovine serum albumin, 40 mg/ml

Reagent name abbreviation: 40 mg/ml BSA

Protocol ID: PS00000019

Version: 01

Volume: 125 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)</td>
<td>Sigma-Aldrich</td>
<td>A8806</td>
<td>Powder</td>
<td>5 g</td>
<td>40 mg/ml</td>
</tr>
</tbody>
</table>

Preparation:
1. Pour 100 ml purified water into a 200-ml beaker.
2. Weigh BSA and sprinkle into water.
3. Cover beaker with Parafilm but do not stir. Allow BSA to dissolve in the water by slow hydration.
4. Stir the solution only after all of the BSA is dissolved (i.e., no dry powder is left on top of the water).
5. Transfer solution to a 200-ml graduated cylinder and adjust the volume to 125 ml with purified water. Cover with Parafilm and mix thoroughly by gentle inversion.
6. Divide into 0.26-ml aliquots in 1.5-ml Eppendorf tubes.

Storage:
- Temperature: -80 °C
- Location: __________________
- Aliquot size: 0.26 ml
- Special instructions: None

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Date: 02/12/02

Approved: Paul Sternweis

Comments: None