AfCS Solution Protocol

Reagent name: Phosphate buffered saline, pH 7.5, 1X, with EDTA, 2 mM, low LPS
Reagent name abbreviation: PBS-EDTA, pH 7.5, low LPS
Protocol ID: PS00000631
Version: 01
Volume: 502 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>Phosphate buffered saline (PBS), 1X, pH 7.2</td>
<td>Invitrogen</td>
<td>20012027</td>
<td>1X</td>
<td>500 ml</td>
<td>1X</td>
</tr>
<tr>
<td>EDTA, 0.5 M, pH 8.0</td>
<td>Invitrogen</td>
<td>15575038</td>
<td>0.5 M</td>
<td>2 ml</td>
<td>2 mM</td>
</tr>
</tbody>
</table>

Preparation:
1. Add EDTA to the 500-ml bottle of 1X PBS
2. Close container and invert to mix. Mix thoroughly.
3. Remove aliquot and verify pH is between 7.4 and 7.6
4. Discard aliquot.

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

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Date: 03/05/04
Approved: Grischa Chandy

Comments: Macrophages are extremely sensitive to lipopolysaccharide (LPS) endotoxin from Gram-negative bacteria. All solutions, buffers, and media should be made with sterile, tissue-culture grade, endotoxin-tested water. To limit potential LPS contamination, use disposable, sterile plastic rather than laboratory glassware.