Materials List for:

Fluorescent Nanoparticles for the Measurement of Ion Concentration in Biological Systems

J. Matthew Dubach¹, Mary K. Balaconis¹, Heather A. Clark²

¹Bioengineering Department, Northeastern University
²Department of Pharmaceutical Sciences, Northeastern University

Correspondence to: Heather A. Clark at h.clark@neu.edu

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Materials

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Catalog Number</th>
<th>Comments</th>
</tr>
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<tbody>
<tr>
<td>IVIS Lumina II Instrument Package</td>
<td>Caliper Life Sciences</td>
<td>126273</td>
<td></td>
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<tr>
<td>CD-1 Nude Mice</td>
<td>Charles River Laboratories</td>
<td>Strain Code: 086</td>
<td>Immunodeficient</td>
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<td>Insulin syringes</td>
<td>BD Biosciences</td>
<td>328438</td>
<td>3/10 mL, 8mm, 31G</td>
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<td>High Molecular Weight PVC</td>
<td>Sigma-Aldrich</td>
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<td>DOS</td>
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<td>CHIII</td>
<td>Sigma-Aldrich</td>
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<td>NaTFPB</td>
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<td>NaIX</td>
<td>Sigma-Aldrich</td>
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<td>Thin walled capillary glass</td>
<td>Sutter Instrument Co.</td>
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<td>PEG lipid</td>
<td>Avanti Polar Lipid, Inc</td>
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Table 1. Provides a list of chemicals and equipment used in this procedure. All common chemicals not listed were purchased from Sigma.