

Materials List for:

Fluorescent Nanoparticles for the Measurement of Ion Concentration in Biological Systems

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Materials

Name	Company	Catalog Number	Comments
IVIS Lumina II Instrument Package	Caliper Life Sciences	126273	
CD-1 Nude Mice	Charles River Laboratories	Strain Code: 086	Immunodeficient
Insulin syringes	BD Biosciences	328438	3/10 cc ^{mL} , 8mm, 31G
High Molecular Weight PVC	Sigma-Aldrich		
DOS	Sigma-Aldrich		
CHIII	Sigma-Aldrich		
NaTFPB	Sigma-Aldrich		
NaIX	Sigma-Aldrich		
Thin walled capillary glass	Sutter Instrument Co.		
PEG lipid	Avanti Polar Lipid, Inc		

Table 1. Provides a list of chemicals and equipment used in this procedure. All common chemicals not listed were purchased from Sigma.