

Materials List for:

Cytosolic Calcium Measurements in Renal Epithelial Cells by Flow Cytometry

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Materials

Name	Company	Catalog Number	Comments
Fluo-3, AM	Invitrogen	F-1241	Cell permeable
Probenecid	Sigma-Aldrich	P-8761	Water insoluble, dissolve in 1 N NaOH
0.05% Trypsin-EDTA (1X)	Invitrogen	25300-062	
Ionomycin	Sigma-Aldrich	I9657	
Thapsigargin	Tocris Bioscience	1138	
Tunicamycin	Sigma-Aldrich	T7765	
FACSCalibur Flow Cytometer + CELLQuest software	Becton Dickinson		
Windows Multiple Document Interface for Flow Cytometry (WinMDI)	Joe Trotter, The Scripps Institute		Please note that this is an older 16-bit application that reads FCS 2.0 compliant files but does not recognize FCS 3.0 digital data.
WKPT-0293 Cl.2 rat kidney proximal tubule cell line			Made available by Dr. Ulrich Hoyer (Department of Physiology & Biophysics, Case Western Reserve University, Cleveland, OH)