

Materials List for:

Two Types of Assays for Detecting Frog Sperm Chemoattraction

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Materials

Name	Company	Catalog Number	Comments
24-well plates	BD Biosciences	35/1147	
12 mm outer diameter inserts with 12 µm pore membrane	EMD Millipore	PIXP01250	We previously used Costar-Corning transwell plate #3403 -now discontinued
Zigmond chamber	Neuroprobe	Z02	
Silicone oil	GE Healthcare	SF1154	Equivalent to Dow Corning 550 Fluid
Image J software	Wayne Rasband, Research Services Branch, National Institute of Mental Health	Free download at http://rsbweb.nih.gov/ij	Java program that runs on Windows, Linux and Mac
MtrackJ software	 Biomedical Imaging Group	Free download at http://www.imagescience.org/meijering/software/mtrackj/	Java program that runs on Windows, Linux and Mac
Virtual Dub software	 GNU General Public Licensed	Free download via http://www.virtualdub.org/index.html	Setup instructions at the Image J website under plugins; for Windows only
cellSens software	Olympus Corporation	See website: http://www.olympusamerica.com/seg_section/product.asp?product=1070	Controls and acquires images from a variety of cameras. Also has image processing capability