

Materials List for:

Optical Monitoring of Living Nerve Terminal Labeling in Hair Follicle Lanceolate Endings of the *Ex Vivo* Mouse Ear Skin

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Materials

Name	Company	Catalog Number	Comments
PDMS - Sylgard 184	Dow Corning		Flexible, inert, translucent solid silicone polymer.
No. 3 Dumont forceps	Fine Science Tools	11231-20	
Austerlitz Insect pins	Fine Science Tools	26002-10	Very fine pins to attach pinna preparation securely to the PDMS with minimal damage.
FM1-43/Synaptogreen C4	Biotium/Cambridge Bioscience	BT70020	Fluorescent membrane probe that reversibly partitions into the outer leaflet of cell membranes. Used predominantly for monitoring vesicle membrane endo-/exocytosis.
Advasep 7	Biotium/Cambridge Bioscience	BT70029	A sulfonated b-cyclodextrin derivative that chelates FM1-43 (& other styryl pyridinium dyes) out of the exposed membranes, leaving internalised dye to be seen more clearly by lowering the background labelling/fluorescence.
Retiga Exi Fast 1394	Qimaging		Monochrome, cooled CCD camera - basic model
Volocity 3D Image Analysis Software	Perkin Elmer	Volocity 6.3	Image capture and analysis software.