

Materials List for:

Studying Synaptic Vesicle Pools using Photoconversion of Styryl Dyes

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URL: <https://www.jove.com/video/1790>

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Materials

Name	Company	Catalog Number	Comments
FM 1-43	Invitrogen	F10317	
Epon resin	Plano GmbH	R1030	
di-aminobenzidine hydrochloride	Sigma-Aldrich	D5905	
50% Glutaraldehyde	AppliChem	A3166	EM grade
Sylgard	Dow Corning	104186298	
Axioskop 2 FS plus	Carl Zeiss, Inc.		
Objective 20x 0.5 NA	Olympus Corporation		Dry objective
100W Hg Lamp	Carl Zeiss, Inc.		
Lamp housing with back mirror	Carl Zeiss, Inc.	1007-980	
MRm camera	Carl Zeiss, Inc.	0445-554	Image acquisition
Ex. Filter (HQ 470/40)	AHF	F49-671	
Dichroic (495 DCLP)	AHF	F33-100	
Em. Filter (HQ 500 LP)	AHF	F42-018	
EM	Carl Zeiss, Inc.		
Proscan CCD HSS	Proscan Electronic Sys.		1024 x 1024