

Materials List for:

Fluorescence and Bioluminescence Imaging of Subcellular Ca^{2+} in Aged Hippocampal Neurons

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Materials

Name	Company	Catalog Number	Comments
Neurobasal Culture Medium	Gibco	21103-049	
HBSS medium	Gibco	14170-088	
Ham's F-12 medium	Gibco	31330-038	
DNase I (from bovine pancreas)	Sigma	D5025-15KU	
Fetal Bovine Serum	Lonza	DE14-801E	
B27	Gibco	17504-044	
Gentamicin	Gibco	15750	
L-glutamine	Gibco	25030-032	
12 mm glass coverslips	Labolan	0111520/20012	
Papain	Worthington	LS003127	
4-well multidish plaques	Nunc	176740	
Petry dishes	JD Catalan s.l.	2120044T	
Sterile pipettes	Fisher Scientific	431030	
Fura2-AM	Life Technologies	F1201	
Lipofectamine2000	Invitrogen	11668-027	
Coelenterazine n	Biotium	BT-10115-2250 uG	
Digitonin	Sigma	D5628	
NMDA	Sigma	M3262	
Glycine	Sigma	50046	
Zeiss Axiovert S100 TV microscope	Carl Zeiss Inc.		
Xcite illumination system	EXFO		
ORCA ER fluorescence camera	Hamamatsu		
VIM photon counting CCD camera	Hamamatsu		
VC-8 valve controller	Warner Instruments		
SH-27B heating system	Warner Instruments		
Aquacosmos Software	Hamamatsu Photonics		