

Materials List for:

In Situ Ca²⁺ Imaging of the Enteric Nervous System

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Materials

Name	Company	Catalog Number	Comments
BubbleStop Syringe Heater	AutoMate Scientific	10-4-35-G	
CaCl ₂	Sigma	C3306	
Collagenase, Type II, powder	Gibco	17101-015	
Dispase	Sigma-Aldrich	42613-33-2	
Dissection tools	Roboz		
DMSO	Sigma-Aldrich	D5879	
Fixed-stage microscope	Olympus	BX51WI	
Fluo-4 AM dye	Invitrogen	F-14201	
Glucose	Sigma	G8270	
Insect pins	Fine Science Tools	Minutien Pins	
iQ Live Cell Imaging Software	Andor	Andor iQ3	
KCl	Sigma	P3911	
MgCl ₂	Sigma	M9272	
NaCl	Sigma	S9888	
NaH ₂ PO ₄	Sigma	S8282	
NaHCO ₃	Sigma	S6014	
Neo sCMOS camera	Andor	Neo 5.5 sCMOS	
Nicardipine	Sigma	N7510	
Perfusion chamber	Custom		
Peristaltic pump	Harvard Apparatus	Model 720	
Pluronic F-127	Invitrogen	P3000MP	
Probenecid	Molecular Probes	P36400	
Scopolamine	Sigma	S1013	
Sutter Lambda DG-4	Sutter	DG-4	
Sylgard	Dow Corning	184	
Temperature Controller	Warner Instruments	TC-344C	