

Materials List for:

# Investigation of Synaptic Tagging/Capture and Cross-capture using Acute Hippocampal Slices from Rodents

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## Materials

Name	Company	Catalog Number	Comments
<b>I. Dissection Tools</b>			
1. Bandage scissors	KLS Martin, Germany	21-195-23-07	
	B-Braun/Aesculap, Germany	LX553R	
2. Iris scissors	B-Braun/Aesculap, Germany	BC140R,	
		BC100R	
3. Bone rongeur	World Precision Instruments (WPI), Germany	14089-G	
4. Scalpel	World Precision Instruments (WPI), Germany;	500236-G	
	B-Braun/Aesculap, Germany		
		BB73	
5. Scalpel blade#11	B-Braun/Aesculap, Germany	BB511	
6. Sickle scaler	KLS Martin, Germany	38-685-00	
7. Angled forceps	B-Braun/Aesculap, Germany	BD321R	
8. Anesthetizing/Induction chamber	MIP Anesthesia Technologies (Now, Patterson Scientific), Oregon	AS-01-0530-LG	
<b>II. ACSF component chemicals</b>			
1. Sodium chloride (NaCl)	Sigma-Aldrich	S5886	
2. Potassium chloride (KCl)	Sigma-Aldrich	P9541	
3. Magnesium sulphate heptahydrate (MgSO4.7H2O)	Sigma-Aldrich	M1880	
4. Calcium chloride dihydrate (CaCl2.2H2O)	Sigma-Aldrich	C3881	
5. Potassium phosphate monobasic (KH2PO4)	Sigma-Aldrich	P9791	
6. Sodium bicarbonate (NaHCO3)	Sigma-Aldrich	S5761	
7. D-Glucose anhydrous (C6H12O6)	Sigma-Aldrich	G7021	
<b>III. Electrophysiology Instruments</b>			
1. Microscope	Olympus, Japan	Model SZ61	
2. Temperature Controller	Scientific Systems Design Inc. Canada	PTC03	
3. Differential AC Amplifier	AM Systems, USA	Model 1700	
4. Isolated Pulse Stimulator	AM Systems, USA	Model 2100	
5. Oscilloscope	Rhode & Schwarz	HM0722	

6. Digital-Analog Converter	Cambridge Electronic Design Ltd. Cambridge, UK	CED-Power 1401-3	
7. Interface Brain Slice Chamber	Scientific Systems Design Inc. Canada	BSC01	
8. Tubing Pump	Ismatec, IDEX Health & Science, Germany	REGLO-Analog	
9. Carbogen Flowmeter	Cole-Parmer	03220-44	
10. Fiber Light Illuminator	Dolan-Jenner Industries	Fiber Lite MI-150	
11. Micromanipulators	Marzhauser Wetzlar, Germany	00-42-101-0000 (MM-33)	
		00-42-102-0000 (MM-32)	