

Materials List for:

Investigating Long-term Synaptic Plasticity in Interlamellar Hippocampus CA1 by Electrophysiological Field Recording

Hannah Tetteh^{*1}, Jihwan Lee^{*1}, Jinho Lee², Jae Geun Kim³, Sunggu Yang²

¹Department of Biomedical Sciences, City University of Hong Kong

²Department of Nano-Bioengineering, Incheon National University

³Division of Life Sciences, College of Life Sciences and Bioengineering, Incheon National University

*These authors contributed equally

Correspondence to: Hannah Tetteh at htetteh2@my.cityu.edu.hk, Sunggu Yang at sungguyang@inu.ac.kr

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Materials

Name	Company	Catalog Number	Comments
Atropine Sulphate salt monohydrate, ≥97% (TLC), crystalline	Sigma-Aldrich	5908-99-6	Stored in Dessicator
Axon Digidata 1550B			
Calcium chloride	Sigma-Aldrich	10035-04-8	
Clampex 10.7			
D-(+)-Glucose ≥ 99.5% (GC)	Sigma-Aldrich	50-99-7	
Eyegel	Dechra		
Isoflurane	RWD Life Sciences	R510-22	
Magnesium chloride hexahydrate, BioXtra, ≥99.0%	Sigma-Aldrich	7791-18-6	
Matrix electrodes, Tungsten	FHC	18305	
Multiclamp 700B Amplifier			
Potassium chloride, BioXtra, ≥99.0%	Sigma-Aldrich	7447-40-7	
Potassium phosphate monobasic anhydrous ≥99%	Sigma-Aldrich	7778-77-0	Stored in Dessicator
Pump	Longer precision pump Co., Ltd	T-S113&JY10-14	
Silicone oil	Sigma-Aldrich	63148-62-9	
Sodium Bicarbonate, BioXtra, 99.5-100.5%	Sigma-Aldrich	144-55-8	
Sodium Chloride, BioXtra, ≥99.5% (AT)	Sigma-Aldrich	7647-14-5	
Sodium phosphate monobasic, powder	Sigma-Aldrich	7558-80-7	
Sucrose, ≥ 99.5% (GC)	Sigma-Aldrich	57-50-1	
Temperature controller	Warner Instruments	TC-324C	
Tungsten microelectrodes	FHC	20843	
Urethane, ≥99%	Sigma-Aldrich	51-79-6	
Vibratome	Leica	VT-1200S	
Water bath	Grant Instruments	SAP12	