

Materials List for:

# Electrophysiological Investigations of Retinogeniculate and Corticogeniculate Synapse Function

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## Materials

Name	Company	Catalog Number	Comments
Amplifier	HEKA Elektronik	EPC 10 USB Double patch clamp amplifier	
Biotin	Sigma-Aldrich	B4261-250MG	
CaCl <sub>2</sub>	EMSURE	1.02382.1000	
choline chloride	Sigma-Aldrich	C1879-1KG	
Confocal Laser Scanning Microscope	Leica Microsystems	TCS SP5	
CsCl	EMSURE	1.02038.0100	
Cs-gluconate	Self-prepared		Since there was no commercial Cs-gluconate, we prepared it by ourselves
D-600	Sigma-Aldrich	M5644-50MG	methoxyverapamil hydrochloride
D-APV	Biotrend	BN0085-100	NMDA-receptor antagonist
Digital camera for microscope	Olympus	XM10	
EGTA	SERVA	11290.02	
Forene	Abbvie	2594.00.00	isoflurane
Glucose	Sigma-Aldrich	49159-1KG	
HEPES	ROTH	9105.2	
High Current Stimulus Isolator	World Precision Instruments	A385	
KCl	EMSURE	1.04936.1000	
MgCl <sub>2</sub>	EMSURE	1.05833.0250	
Micromanipulators	Luigs & Neumann	SM7	
Miroscope	Olympus	BX51	
mounting medium	ThermoFisher Scientific	P36930	Prolong Gold Invitrogen
NaCl	ROTH	3957.1	
NaH <sub>2</sub> PO <sub>4</sub>	EMSURE	1.06346.1000	
NaHCO <sub>3</sub>	EMSURE	1.06329.1000	
Pipette	Hilgenberg	1807502	
Puller	Sutter	P-1000	
razor blade	Personna	60-0138	
Semiautomatic Vibratome	Leica Biosystems	VT1200S	
SR 95531 hydrobromide	Biotrend	AOB5680-10	GABAA-receptor antagonist