

Materials List for:

Transsynaptic Tracing from Peripheral Targets with Pseudorabies Virus Followed by Cholera Toxin and Biotinylated Dextran Amines Double Labeling

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URL: <https://www.jove.com/video/50672>

DOI: [doi:10.3791/50672](https://doi.org/10.3791/50672)

Materials

Name	Company	Catalog Number	Comments
Name of Reagent/Material	Company	Catalog Number	Comments
NanoFil Microinjection System	World Precision Instruments	IO-Kit	34 G option
Stereotaxic frame	David Kopf Instruments	Model 900	
Nanoject II Auto-Nanoliter Injector	Drummond Scientific Company	3-000-204	
Sliding microtome	Leica	SM2010 R	
Name	Company	Catalog Number	Comments
VetBond	3M	1469SB	
Isoflurane (Forane)	Baxter	1001936060	
Betadine Swab Stick	Cardinal Health	2130-01	200 count
Permunt Mounting Medium	Fisher Scientific	SP15-500	
SuperFrost Plus slides	Fisher Scientific	12-550-15	
Biotinylated dextran amines	Invitrogen	D-1956	10,000 MW
Pseudorabies virus	Laboratory of Dr. Lynn Enquist (Princeton University)	PRV152	Titer > 1 x 10 ⁷
Anti-Cholera Toxin B Subunit (Goat)	List Biological Laboratories	703	
Cholera Toxin B Subunit	List Biological Laboratories	103B	
Anti-eGFP	Open Biosystems	ABS4528	
3, 3'-diaminobenzidine	Sigma-Aldrich	D5905	10 mg tablets
Ethanol	Sigma-Aldrich	E7023	200 proof
Formaldehyde	Sigma-Aldrich	F8775	Dilute to 4%
Hydrogen peroxide	Sigma-Aldrich	H3410	30%
Ketamine HCl & Xylazine HCl	Sigma-Aldrich	K4138	80 mg/ml & 6 mg/ml
Nickel chloride	Sigma-Aldrich	339350	
Phosphate buffer	Sigma-Aldrich	P3619	1.0 M; pH 7.4
Phosphate buffered saline	Sigma-Aldrich	P5493	10x; pH 7.4
Sodium Pentobarbital	Sigma-Aldrich	P3761	50 mg/ml dose
Sucrose	Sigma-Aldrich	S9378	
Tween 20	Sigma-Aldrich	P1379	
Xylenes	Sigma-Aldrich	534056	Histological grade
VECTASTAIN Elite ABC Kit	Vector Laboratories	PK-6101 (rabbit); PK-6105 (goat)	
Optixcare ophthalmic ointment	Vet Depot	1017992	