

Materials List for:

# Recording Large-scale Neuronal Ensembles with Silicon Probes in the Anesthetized Rat

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URL: <https://www.jove.com/video/3282>

DOI: [doi:10.3791/3282](https://doi.org/10.3791/3282)

## Materials

Name	Company	Catalog Number	Comments
Urethane	Sigma-Aldrich		
Phosphate Buffer Saline (PBS)			
Isoflurane	Benson Medical Instruments	02241315	
Silicon probes	NeuroNexus Technologies	A 4 X 2 - Tet - 5mm - 150 - 200 - 312	
Dye I (DiI <sub>C18</sub> (3))	Invitrogen	617830	
Dexamethasone 5	Vétoquinol	0A0640B	
Eye ointment	Vétoquinol	005165414	
Lidocaine HCl 2% with Epinephrine	Bimeda-MTC	00141984	
Stereotaxic Frame	Kopf Instruments	1430-B	
Electrode manipulator and holder	Kopf Instruments	960	
Rat ear-bars	Kopf Instruments	1955	
Rat adaptor	Kopf Instruments	920	
Anaesthesia mask	Kopf Instruments	906	
Scalpel	Roboz Surgical Instruments Co.	RS-9843	
Scalpel blades	Paragon	0086	
Micro dissecting scissors	Roboz Surgical Instruments Co.	RS-5910	
Screws	Gould Pasteners Limited	14084701	
Hemostatic forceps	Roboz Surgical Instruments Co.	RS-7130 RS-7211	
30½ gauge needles	BD Biosciences	305115	
Micromotor control	Foredom	HP4-917	
Dissecting forceps	Roboz Surgical Instruments Co.	RS-5237	
Bone wax	Lukens	M263500	
Compressed air bottle	Falcon BD	50-10521C	
Enzymatic cleaner	Bausch and Lomb	BAUSCH497628	
Distilled water			
Dental acrylic powder	Lang Dental	1220	
Dental acrylic liquid	Lang Dental	1404	
Digital Lynx SX System	Neuralynx Inc.	4SX-Z400	
Cheeta Software	Neuralynx Inc.		
Alligator cables			