

Materials List for:

Investigating Object Representations in the Macaque Dorsal Visual Stream Using Single-unit Recordings

Irene Caprara¹, Peter Janssen^{1,2}, Maria C. Romero¹

¹Laboratorium voor Neuro-en Psychofysiologie, Katholieke Universiteit Leuven

²The Leuven Brain Institute

Correspondence to: Irene Caprara at irene.caprara@kuleuven.be, Maria C. Romero at mela.romeropita@kuleuven.be

URL: <https://www.jove.com/video/57745>

DOI: [doi:10.3791/57745](https://doi.org/10.3791/57745)

Materials

Name	Company	Catalog Number	Comments
Grasping robot	GIBAS Universal Robots	UR-6-85-5-A	Robot arm equipped with a gripper
Carousel motor	Siboni	RD066/†20 MV6, 35x23 F02	Motor to be implemented in a custom-made vertical carousel. It allows the rotation of the carousel.
Eye tracker	SR Research	EyeLink II	Infrared camera system sampling at 500 Hz
Filter	Wavetek Rockland	852	Electronic filters perform a variety of signal-processing functions with the purpose of removing a signal's unwanted frequency components.
Preamplifier	BAK ELECTRONICS, INC.	A-1	The Model A-1 allows to reduce input capacity and noise pickup and allows to test impedance for metal micro-electrodes
Electrodes	FHC	UEWLEESE*N4G	Metal microelectrodes (* = Impedance, to be chosen by the researcher)
CRT monitor	Vision Research Graphics	M21L-67S01	The CRT monitor is equipped with a fast-decay P46-phosphor operating at 120 Hz
Ferroelectric liquid crystal shutters	Display Tech	FLC Shutter Panel; LV2500P-OEM	The shutters operate at 60 Hz in front of the monkeys and are synchronized to the vertical retrace of the monitor