

Materials List for:

Noninvasive, High-throughput Determination of Sleep Duration in Rodents

R. Michelle Saré¹, Abigail Lemons¹, Anita Torossian¹, Carolyn Beebe Smith¹

¹Section on Neuroadaptation and Protein Metabolism, National Institute of Mental Health, National Institutes of Health

Correspondence to: Carolyn Beebe Smith at beebe@mail.nih.gov

URL: <https://www.jove.com/video/57420>

DOI: [doi:10.3791/57420](https://doi.org/10.3791/57420)

Materials

Name	Company	Catalog Number	Comments
Comprehensive Lab Animal Monitoring System (CLAMS)	Columbus Instruments		Equipment and software to analyze sleep duration
Captisol Research Grade	Captisol	RC-0C7-100	Captisol for dissolving hydrophobic compounds
30 G BD Needle 1/2 inch	BD	305106	Needle for injections
BD Disposable Syringes	Fisher	14-823-30	Syringes for injections
B6.129P2-Fmr1tm1Cgr/J	Jackson Labs	3025	Fmr1 KO mice
Super Mouse 750 Mouse Cage	Lab Products, Inc.		Homecages for the mice
SANI-Chips Bedding	PJ Murphys		Bedding for the mice