Materials List for:

A Novel Experimental and Analytical Approach to the Multimodal Neural Decoding of Intent During Social Interaction in Freely-behaving Human Infants

Jesus G. Cruz-Garza¹, Zachery R. Hernandez¹, Teresa Tse^{1,2,3}, Eunice Caducoy^{1,3}, Berdakh Abibullaev¹, Jose L. Contreras-Vidal^{1,2}

Correspondence to: Jesus G. Cruz-Garza at jesusc90@gmail.com

URL: https://www.jove.com/video/53406

DOI: doi:10.3791/53406

Materials

Name	Company	Catalog Number	Comments
BrainAmp Amplifier	Brain Products, Gmbh		
actiCAP EEG cap- 64 electrodes*	Brain Products, Gmbh		
actiCAP Control Box	Brain Products, Gmbh		
Brain Vision Recorder software v1.20.0601	Brain Products, Gmbh		
actiCAP Control Box software v1.2.5.2	Brain Products, Gmbh		
CapTrak	Brain Products, Gmbh		
CapTrak software v1.0.0	Brain Products, Gmbh		
Opal movement monitor	APDM, Inc		
Opal docking station	APDM, Inc		
Opal wireless access point	APDM, Inc		
Motion Studio software v1.0.0.201503302222	APDM, Inc		
Trigger box	Custom		
Video camera	HC-W850M, Panasonic Co.		
*The EEG caps come in the following head circumference sizes for infants: 42, 44, 46, 48, 50cm. For this protocol, a stock of 2 caps of each size is recommended.			

¹Laboratory for Noninvasive Brain-Machine Interface Systems, Department of Electrical and Computer Engineering, University of Houston

²Department of Biomedical Engineering, University of Houston

³Department of Biology and Biochemistry, University of Houston