

Materials List for:

***In vitro* Functional Characterization of Mouse Colorectal Afferent Endings**

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URL: <https://www.jove.com/video/52310>

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Materials

Name	Company	Catalog Number	Comments
Leica MZ16 stereo microscope	Leica Microsystems Inc.		
Leica IC D camera	Leica Microsystems Inc.		
Amplifier	World Precision instruments, Inc.	SYS-DAM80	Low-noise differential amplifier
Two-compartment tissue chamber	Custom made		
Power1401	Cambridge Electronic Design Limited	Power1401	Data acquisition, analog signal input/out
Spike2 v5.02	Cambridge Electronic Design Limited		Software package that works with the Power1401
Audio monitor	Natus	Am 8	
Square pulse stimulator	Natus	S48	To deliver electrical stimuli
Photoelectric isolation unit	Natus	PSIU6	Stimulus isolation to reduce noise
Concentric bipolar microelectrode	FHC Inc.	CBFFG75	To deliver electrical stimuli
Dual-mode lever system	Aurora Scientific Inc.	Series 300C	To deliver mechanical stimuli
Forceps	Fine Science Tools	11252-00	Forceps with fine tips