

Materials List for

Research Application of Laser-induced Shock Wave for Studying Blast-induced Cochlear Injury

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jove.com/video/66396

Materials

Name	Company	Catalog Number	Comments
532 nm Q-switched Nd:YAG laser	Quantel	Brilliant b	
ABR peak analysis software	Mass Eye and Ear	N/A	EPL Cochlear Function Test Suite
Acrylic resin welding adhesive	Acrysunday Co., Ltd	N/A	
confocal fluorescence microscopy	Leica	TCS SP8	
cryosectioning compound	Sakura	Tissue-Tek O.C.T	
CtBP2 antibody	BD Transduction	#612044	
Dielectric multilayer mirrors	SIGMAKOKI CO.,LTD	TFMHP-50C08-532	M1-M3
Digital oscilloscope	Tektronix	DPO4104B	
Earphone	CUI	CDMG15008-03A	
Hydrophone	RP acoustics e.K.	FOPH2000	
Image J software plug-in	NIH	measurement line	https://myfiles.meei.harvard.edu/xythoswfs/webui/_xy-e693768_1-t_wC4oKeBD
Light microscope	Keyence Corporation	BZ-X700	
Myosin 7A antibody	Proteus Biosciences	#25-6790	
Neurofilament antibody	Sigma	#AB5539	
Plano-convex lens	SIGMAKOKI CO.,LTD	SLSQ-30-200PM	
Prism software	GraphPad	N/A	ver.8.2.1
Scanning electron microscope	JEOL Ltd	JSM-6340F	
Small digital endoscope	AVS Co. Ltd	AE-C1	
Ultrasonic jelly	Hitachi Aloka Medical	N/A	
Variable attenuator	Showa Optronics Co.	N/A	Currently available successor: KYOCERA SOC Corporation, RWH-532HP II
Water-soluble encapsulant	Dako	#S1964	