

Materials List for

In Vivo Vascular Permeability Detection in Mouse Submandibular Gland

Xiangdi Mao¹, Sainan Min², Qihua He³, Xin Cong¹

¹Department of Physiology and Pathophysiology, Peking University School of Basic Medical Sciences, Key Laboratory of Molecular Cardiovascular Sciences, Ministry of Education, and Beijing Key Laboratory of Cardiovascular Receptors Research ²Department of Oral and Maxillofacial Surgery, Peking University School and Hospital of Stomatology & National Center of Stomatology & National Clinical Reseah Center for Oral Diseases & National Engineering Research Center of Oral Biomaterials and Digital Medical Devices ³State Key Laboratory of Natural and Biomimetic Drugs, Peking University

Corresponding Authors		Citation	
Qihua He	Xin Cong	Mao, X., Min, S., He, Q., Cong, X. <i>In Vivo</i> Vascular Permeability Detection in Mouse	
hqh@bjmu.edu.cn	congxin@bjmu.edu.cn	Submandibular Gland. J. Vis. Exp. (186), e64167, doi:10.3791/64167 (2022).	
Date Published		DOI	URL
August 4, 2022		10.3791/64167	jove.com/video/64167

Materials

Name	Company	Catalog Number	Comments
2-photon microscope (TCS-SP8 DIVE)	Leica, Germany		
4 kDa FITC-labeled dextran	Sigma Aldrich	46944	
70 kDa rhodamine B-labeled dextran	Sigma Aldrich	R9379	
Blunt tissue separation nickel	Bejinghuabo Company	NZW28	
Depilatory cream	Veet		
Disposable sterile syringe	Zhiyu Company		1 mL
Image J software	National Institutes of Health		
Insulin syringe	Becton, Dickinson and Company	0253316	1 mL
Leica Application Suite X software	Leica Microsystems		
Microtubes	Axygen	MCT-150-C	1.5 mL
Phosphate buffered saline 1x	Servicebio	G4207-500	
Tissue scissors	Bejinghuabo Company	M286-05	
Tribromoethanol	JITIAN Bio	JT0781	