

## Materials List for

## **Primary Microglia Isolation from Postnatal Mouse Brains**

Siling Du\*1,2, Shanshan Xiong\*3, Xiangjuan Du4, Ti-Fei Yuan1, Bo Peng3,4,5, Yanxia Rao1

<sup>1</sup>Shanghai Key Laboratory of Psychotic Disorders, Shanghai Mental Health Center, Shanghai Jiao Tong University School of Medicine <sup>2</sup>Division of Biology and Biomedical Science, Washington University in St. Louis <sup>3</sup>Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences <sup>4</sup>Department of Neurosurgery, Huashan Hospital, Institute for Translational Brain Research, State Key Laboratory of Medical Neurobiology, MOE Frontiers Center for Brain Science, Fudan University <sup>5</sup>Co-innovation Center of Neuroregeneration, Nantong University

Corresponding Authors		Citation	
Bo Peng	Yanxia Rao	Du, S., Xiong, S., Du, X., Yuan, T.F., Peng, B., Rao, Y. Primary Microglia Isolation from	
bopeng@connect.hku.hk	yanxiarao@connect.hku.hk	Postnatal Mouse Brains. J. Vis. Exp. (), e62237, doi:10.3791/62237 (2021).	
Date Published		DOI	URL
February 25, 2021		10.3791/62237	jove.com/video/62237

## **Materials**

Name	Company	Catalog Number	Comments
Cell strainers, 40 µm	ThermoFisher Scientific	22-363-547	
DNase I	Sigma	11284932001	
Dulbecco's Modified Eagle Medium (DMEM)	Gibco by Life Technologies	C11995500BT	
Dulbecco's Phosphate Buffered Saline (DPBS)	Gibco by Life Technologies	14190-144	
Fetal Bovine Serum (FBS)	Gibco by Life Technologies	10099141	
Papain, Suspension	Sangon Biotech	Papain, Suspension	
Penicillin-Streptomycin 100X solution	Hyclone	SV30010	
Poly-D-Lysine	ThermoFisher Scientific	A3890401	

<sup>\*</sup>These authors contributed equally