

Materials List for

Isolation of Tonsillar Mononuclear Cells to Study Ex Vivo Innate Immune Responses in a Human Mucosal Lymphoid Tissue

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Citation

Smith, N., Bekaddour, N., Leboulanger, N., Richard, Y., Herbeuval, J.P. Isolation of Tonsillar Mononuclear Cells to Study Ex Vivo Innate Immune Responses in a Human Mucosal Lymphoid Tissue. *J. Vis. Exp.* (), e60914, doi:10.3791/60914 (2020).

Date Published

June 14, 2020

DOI

10.3791/60914

URL

jove.com/video/60914

Materials

Name	Company	Catalog Number	Comments
10 meshes steel grid - 1910 µm	Dutscher	198586	To put in the cell strainer Collector
60 meshes steel grid - 230 µm	Dutscher	198591	To put in the cell strainer Collector
70 µm white ClearLine cell strainers	Dutscher	141379C	
Anios Excell D detergent	Dutscher	59852	Detergent
Antibiotic solution, 100x	Thermo Fisher	15140122	100 U/mL Penicilium and 100 µg/mL Streptomycin - to add to culture media
BD Falcon™ Round-Bottom Tubes, 5 mL	BD Biosciences	352063	FACS Tubes
Cell strainer Collector, 85 mL and 37 mm diameter	Dutscher	198585	
CellTiter-Glo (CTG) Luminescent Cell Viability Assay	Promega	G7572	Viability assay
Centrifuge 5810 R	Eppendorf		
Conical tubes Falcon 50 mL	Dutscher	352070	
Curved tweezers	Dutscher	711200	
Dimethyl sulfoxide (DMSO)	Sigma-Aldrich	D2650	
Dulbecco's Phosphate Buffered Saline (PBS)	Sigma-Aldrich	D8537	Without calcium and magnesium
EnVision	PerkinElmer		Measures the luminescence
Fetal Bovine Serum (FBS)			To add to culture media
Fluorescence labeled antibodies	See Table 1		
Glass Pestle	Dutscher	198599	
Hepes (1 M)	Thermo Fisher	15630056	Use at 20 mM
Incubator			

LEGENDplex Human Anti-Virus Response Panel	BioLegend	740390	Bead-based immunoassay
Lymphoprep	StemCell	7801	Density gradient medium
Mr. Frosty container	Thermo Fisher	5100-0001	Slow freezing container
Pierce 16% Formaldehyde (w/v), Methanol-free	Thermo Fisher	28908	
Resiquimod (R848)	InvivoGen	tlrl-r848	TLR7/8 agonist
RPMI-1640 Medium	Sigma-Aldrich	R8758	
SPL Cell Culture Dish, 150 mm x 25 mm (SPL150)	Dutscher	330009	
Surgical blade sterile N°23	Dutscher	132523	
UltraComp eBeads Compensation Beads	Thermo Fisher	01-2222-41	
UltraPure 0.5 M EDTA, pH 8.0	Thermo Fisher	15575020	To make wash buffer in PBS