

Materials List for

# Induction of Intestinal Inflammation by Adoptive Transfer of CBir1 TCR Transgenic CD4<sup>+</sup> T Cells to Immunodeficient Mice

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## Citation

Yang, W., Yu, T., Cong, Y. Induction of Intestinal Inflammation by Adoptive Transfer of CBir1 TCR Transgenic CD4<sup>+</sup> T Cells to Immunodeficient Mice. *J. Vis. Exp.* (178), e63293, doi:10.3791/63293 (2021).

## Date Published

December 16, 2021

## DOI

10.3791/63293

## URL

jove.com/video/63293

## Materials

Name	Company	Catalog Number	Comments
0.22 µm vacuum-driven disposable bottle top filter	MilliporeSigma	SCGPS05RE	
100x Penicillin-Streptomycin	Corning	30-002-CI	
100-µm strainer	BD Biosciences	352360	
3-mL Transfer Pipette	Fisherbrand	13-711-9CM	
Anti-Mouse CD16/32	Biologend	101302	
Anti-Mouse CD25-Percp/Cy5.5	Biologend	102030	
Anti-mouse CD3-Percp/Cy5.5	Biologend	100327	
Anti-Mouse CD4 APC	Biologend	100516	
Anti-Mouse CD4 Magnetic Particles	BD Biosciences	551539	
Anti-Mouse CD4-BV421	Biologend	100544	
Anti-Mouse CD62L-PE	Biologend	104408	
Anti-Mouse Foxp3-PE	ThermoFisher	12-5773-82	
Anti-Mouse IFNγ-FITC	Biologend	505806	
Anti-Mouse IL-17A-PE/Cy7	Biologend	506922	
Automated Cell Counter	Bio-rad	TC20	
Brefeldin A	BD Biosciences	555029	
BSA	Fisher Bioreagents	BP1600-1	
C tube	Miltenyi	130-093-237	
Cell Separation Magnet	BD Biosciences	552311	
Collagenase IV	Sigma-Aldrich	C5138	
DAPI	Sigma-Aldrich	D9542	
Dissociator Machine	Miltenyi	130-096-427	
DNase I	Sigma-Aldrich		
EDTA	Corning	46-034-CI	
EDTA (0.5 M, PH 8.0)	Corning	46-034-CI	

FBS	R&D Systems	S11550	
Flow cytometer	BD Biosciences	LSD Fortessa	
Heat Lamp	CoverShield	BR40	
Hematoxylin and Eosin (H&E) Stain Kit	Abcam	ab245880	
Insulin Syringes	BD Biosciences	329412	
Ionomycin	ThermoFisher	I24222	
Live/dead Fixable Near-IR Dead Cell Stain kit	ThermoFisher	L10119	
MaxQ 6000 Incubated/Refrigerated Stackable Shakers	ThermoFisher	SHKE6000	
NH <sub>4</sub> Cl	Thermo Scientific	A687-500	
Percoll	GE Healthcare	17-0891-01	
Phorbol-12-myristate 13-acetate	Sigma-Aldrich	P8139	
RPMI 1640 Medium	Cytiva HyClone	SH3002702	
Sorter	BD Biosciences	Arial Fusion	
Tissue Automatic Processor	ThermoFisher	STP120	
Tissue Embedding/Processing Cassette	Fisher Healthcare	22048142	
Tris Base	Thermo Scientific	BP154-1	
True-Nuclear Transcription Factor Buffer Set (including Perm Buffer)	Biologend	424401	