

Materials List for

Assay for the Identification of Interferon-Gamma Secretion in Murine Lymphoid Organs

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URL: <https://www.jove.com/video/21560>

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Materials

Name	Company	Catalog Number	Comments
Brefeldin A	Cambridge bioscience	CAY11861	
Paraformaldehyde	Agar scientific	R1018	
L-Lysin dihydrochloride	Sigma lifescience	L5751	
Sodium meta-periodate	Thermo Scientific	20504	
D(+)-saccharose	VWR Chemicals	27480.294	
Precision wipes paper Kimtech science	Kimberly-Clark Professional	75512	
O.C.T. compound, mounting medium for cryotomy	VWR Chemicals	361603E	
Fc block, purified anti-mouse CD16/32, clone 93	Biolegend	101302	Antibody clone and Concentration used: 2.5 mg/ml
Microscope slides - Superfrost Plus	VWR Chemicals	631-0108	
anti-CD169 - AF647	Biolegend	142407	Antibody clone and Concentration used: clone 3D6.112 1.6 mg/ml
			Excitation wavelength: 650
			Emission wavelength: 65
anti-F4/80 - APC	Biolegend	123115	Antibody clone and Concentration used: clone BM8 2.5 mg/ml
			Excitation wavelength: 650
			Emission wavelength: 660
anti-B220 - PB	Biolegend	103230	Antibody clone and Concentration used: clone RA3-6B2 1.6 mg/ml
			Excitation wavelength: 410
			Emission wavelength: 455
anti-IFNγ - biotin	Biolegend	505804	Antibody clone and Concentration used: clone XMG1.2 5 mg/ml
anti-IFNγ - BV421	Biolegend	505829	Antibody clone and Concentration used: clone XMG1.2 5 mg/ml
			Excitation wavelength: 405
			Emission wavelength: 436
anti-Nkp46/NCRI	R&D Systems	AF2225	Antibody clone and Concentration used: goat 2.5 mg/ml
anti-goat IgG-FITC	Novusbio	NPp 1-74814	Antibody clone and Concentration used: 1 mg/ml
			Excitation wavelength: 490
			Emission wavelength: 525
Streptavidin - PE	Biolegend	405203	Antibody clone and Concentration used: 2.5 mg/ml
			Excitation wavelength: 565

			Emission wavelength: 578
streptavidin - FITC	Biolegend	405201	Antibody clone and Concentration used: 2.5 mg/ml
			Excitation wavelength: 490
			Emission wavelength: 525
Fluoromount G	SouthernBiotech	0100-01	
Cover glasses 22x40mm	Menzel-Glazer	12352128	
Liquid blocker super PAP PEN mini	Axxora	CAC-DAI-PAP-S-M	
Imaris - Microscopy Image Analysis Software	Bitplane		
Confocal microscope - Olympus FV1200 Laser scanning microscope	Olympus		
Cryostat - CM 1900 UV	Leica		
Base mould disposable	Fisher Scientific UK Ltd	11670990	
PBS 1X	Life Technologies Ltd	20012068	
BHI Broth	VWR Brand	303415ZA	
GFP			Excitation wavelength: 484
			Emission wavelength: 507
RFP			Excitation wavelength: 558
			Emission wavelength: 583
Insulin syringe, with needle, 29G	VWR International	BDAM324824	
C57BL/6 wild type mice	Charles River		