

Materials List for:

Trans-vivo Delayed Type Hypersensitivity Assay for Antigen Specific Regulation

Ewa Jankowska-Gan¹, Subramanya Hegde¹, William J. Burlingham¹

¹Department of Surgery, University of Wisconsin-Madison, School of Medicine and Public Health

Correspondence to: William J. Burlingham at BURLINGHAM@surgery.wisc.edu

URL: <https://www.jove.com/video/4454>

DOI: [doi:10.3791/4454](https://doi.org/10.3791/4454)

Materials

Name	Company	Catalog Number	Comments
ACD tube for blood collection	BD	02-684-26	
Lymphocyte Separation Medium	Cellgro	25-072-CV	
Dulbecco's Phosphate-Buffered Saline	Cellgro	21-031-CM	Without calcium & magnesium
ACK Lysis Buffer	BioWhittaker	10-548E	
TT/DT or EBV	Sanofi Pasteur Inc./ Meridian Life Science, Inc.		TT/DT 25 µg/injection EBV 8 µg/injection
Protease inhibitor PMSF	Sigma-Aldrich	78830	
Eosine for cell count	Sigma-Aldrich	E-6003	
Alloantigen			Purified HLA antigens, synthetic allopeptides can be used instead of donor cell-free lysates
50 ml sterile centrifuge tubes	Fisher Scientific	06-443-18	
10 ml pipettes and pipettor	BD Falcon	13-675-20	
2 ml safe-lock tubes	Costar	3213	
1000 µl, 100 µl, 10 µl pipettes with sterile tips			
Hemocytometer	Fisher	02-671-10	
Full size centrifuge and microfuge	Beckman Coulter/Eppendorf		
1/2cc or 1cc insulin syringes	Becton Dickinson	14-826-79	28 gauge
Vibracell sonicator	Divtech Equipment Co. Sonocs Materials Inc		2 mm probe
Dial thickness gauge	Mitutoyo, Japan		
SCID mice	Harlan		
Isoflurane	Piramal Healthcare		Inhalant anesthesia