

Materials List for:

Mapping Metabolism: Monitoring Lactate Dehydrogenase Activity Directly in Tissue

David Jelinek^{1,2}, Aimee Flores^{1,3}, Melanie Uebelhoefer¹, Vincent Pasque², Kathrin Plath^{2,3}, M. Luisa Iruela-Arispe^{1,3}, Heather R. Christofk^{2,3}, William E. Lowry^{1,3}, Hilary A. Collier^{1,2,3}

¹Department of Molecular, Cell and Developmental Biology, UCLA

²Department of Biological Chemistry, David Geffen School of Medicine

³Molecular Biology Institute Interdepartmental Program, UCLA

Correspondence to: Hilary A. Collier at hcollier@ucla.edu

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Materials

Name	Company	Catalog Number	Comments
Surgical instruments			For collecting skin from euthanized mice
Tissue-tek cryomold 25 mm x 20 mm x 5 mm	Fisher Scientific	NC9511236	For freezing mouse skin
Tissue-Tek O.C.T. compound	Fisher Scientific	NC9638938	For mounting cryomolds
Ice bucket	Fisher Scientific	07-210-106	
Dry Ice			
Polysine Adhesion Slide	Fisher Scientific	12-545-78	
4% formalin	Fisher Scientific	23-245-684	Diluted in water
phosphate buffered saline, pH 7.4			
vortex			
Tris base	Fisher Scientific	23-245-684	
NAD	Sigma-Aldrich	N7004	
Phenazine methosulfate	Sigma-Aldrich	P9625	
Nitrotetrazolium blue chloride	Sigma-Aldrich	N6876	
Lithium L-lactate	Sigma-Aldrich	L2250	Substrate
37°C incubator (or tissue culture incubator)			
Brazilian! Counter stain	Anatech	861	Counter stain
Mounting medium	Vector Laboratories	H-5000	
Cover slips for slides	Fisher Scientific	12-544D	
Light microscope			