

Materials List for:

Metabolic Mapping: Quantitative Enzyme Cytochemistry and Histochemistry to Determine the Activity of Dehydrogenases in Cells and Tissues

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Materials

Name	Company	Catalog Number	Comments
Adenosine 5'-diphosphate sodium salt	Sigma-Aldrich	A2754	
D-Glucose 6-phosphate sodium salt	Sigma-Aldrich	G7879	
Disodium hydrogen phosphate (NA ₂ HPO ₄)	Merck Millipore	106559	
di-Sodium succinate	Sigma-Aldrich	W327700	
DL-Isocitric acid trisodium salt hydrate	Sigma-Aldrich	I1252	
D-Malic acid	Sigma-Aldrich	2300	
Glycerol Gelatin	Sigma-Aldrich	GG1	
L-Glutamic acid	Sigma-Aldrich	G1251	
Lithium 6-phospho-D-galactonate	Sigma-Aldrich	55962	
Magnesium chloride	Sigma-Aldrich	M8266	
methoxy-Phenazine methosulfate	Serva	28966.01	
Nicotinamide adenine dinucleotide	Sigma-Aldrich	N0505	
Nicotinamide adenine dinucleotide phosphate	Sigma-Aldrich	NADP-RO	
Nitrotetrazolium Blue chloride	Sigma-Aldrich	N6876	
Phenazine methosulfate	Serva	32030.01	
Polyvinyl alcohol, fully hydrolyzed	Sigma-Aldrich	P1763	
Potassium dihydrogen phosphate (KH ₂ PO ₄)	Merck Millipore	104873	
Sodium azide	Sigma-Aldrich	S2002	
Sodium L-lactate	Sigma-Aldrich	L7022	
Bandpass filter	Edmund optics		https://www.edmundoptics.de/optics/optical-filters/bandpass-filters/Hard-Coated-OD-4-10nm-Bandpass-Filters/
Grey-step wedge	Stouffer Industries		http://www.stouffer.net/TransPage.htm