

Materials List for:

Platelet-based Detection of Nitric Oxide in Blood by Measuring VASP Phosphorylation

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Materials

Name	Company	Catalog Number	Comments
Tri-sodium citrate	Supply by NIH blood bank		
Citric acid	Supply by NIH blood bank		
Glucose	Sigma	G7528-250G	
NaCl; sodium chloride	Sigma	S-7653 1kg	
NaH ₂ PO ₄ ; sodium phosphate monobasic, monohydrate	Mallinckrodt Chemical	7892-04	
KCl; potassium chloride	Mallinckrodt Chemical	6858	
NaHCO ₃ ; sodium bicarbonate	Mallinckrodt Chemical	7412-12	
HEPES; N-[2-Hydroxyethyl]piperazine-N'-[ethanesulfonic acid]	Sigma	H3375-500g	
MgCl ₂ (1 M); magnesium chloride	Quality Biology	351-033-721	
CaCl ₂ ; calcium chloride	Sigma	C5080-500G	
Nalgene Narrow-mouth HDPE Economy bottles	Nalgene	2089-0001	
Red septum stopper NO.29	Fisherbrand	FB57877	
NaNO ₂ ; sodium nitrite	Sigma	S2252-500G	
TRIZMA Base; Tris[hydroxymethyl]aminomethane	Sigma	T8524-250G	
NP-40; 4-Nonylphenyl-polyethylene glycol	Sigma	74385-1L	
Protease inhibitor cocktail set III	Calbiochem	539134	
Phospho-VASP (Ser239) antibody	Cell signaling technology	3114	
VASP antibody	Cell signaling technology	3112	
GAPDH (14C10) Rabbit mAb	Cell signaling technology	2118	
2-mercaptoethanol	Sigma	M-6250-10ml	
Peroxidase AffiniPure Goat Anti-Rabbit IgG (H+L)	Jackson Immuno Research Laboratories	111-035-003	
Clarity Western ECL Substrate	BIO-RAD	1705060-200ml	
CO-oximeter (ABL 90 flex)	Radiometer		