

Materials List for:

Induction of Eryptosis in Red Blood Cells Using a Calcium Ionophore

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Materials

Name	Company	Catalog Number	Comments
96-well plate	Fisher Scientific	12-565-331	
Annexin V Alexa Fluor 488 - apoptosis kit	Fisher Scientific	A10788	Store at 4 °C
BD FACSAria II flow cytometer	BD Biosciences	643177	
CaCl ₂	Fisher Scientific	C79-500	
Centrifuge	Millipore Sigma	M7157	Model Eppendorf 5415C
Confocal fluorescence microscopy	Zeiss, LSM Tek Thornwood		Model LSM 510, Argon laser excited at 488 nm for taking images
Cover glasses circles	Fisher Scientific	12-545-100	
Disposable round bottom flow cytometry tube	VWR	VWRU47729-566	
DMSO	Sigma-Aldrich	472301-100ML	
DPBS	VWR Life Science	SH30028.02	
Glucose monohydrate	Sigma-Aldrich	Y0001745	
HEPES Buffer (1 M)	Fisher Scientific	50-751-7290	Store at 4 °C
Ionomycin calcium salt	EMD Milipore Corp.	407952-1MG	Dissolve in DMSO to reach 2 mM. Store at -20 °C
KCl	Fisher Scientific	P330-500	
MgSO ₄	Fisher Scientific	M65-500	
Microcentrifuge tube	Fisher Scientific	02-681-5	
NaCl	Fisher Scientific	S271-500	
Plain glass microscope slides	Fisher Scientific	12-544-4	
Synergy HFM microplate reader	BioTek		
Whole blood in ACD	Zen-Bio		Store at 4 °C and warm to 37 °C prior to use