

Materials List for:

A Simple Flow Cytometric Method to Measure Glucose Uptake and Glucose Transporter Expression for Monocyte Subpopulations in Whole Blood

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Materials

Name	Company	Catalog Number	Comments
VACUETT Tube 9 ml ACD-B anticoagulant tubes	Greiner Bio-One GmbH	455094	
5 ml sterile polypropylene tubes	BD Biosciences	352063	
Albumin from Bovine Serum (BSA)	Sigma-Aldrich	A7906	
16% formaldehyde solution	Electron Microscopy Science	15710	
BD FACS lysing solution (10x)	BD Biosciences	349202	Dilute BD FACS lysing solution 1/10 with deionized water for working concentration (store for up to 1 week at 4 °C)
anti-CD3-PE	BD Biosciences	555340	
anti CD14-APC	BD Biosciences	555399	
anti-CD16-PECy7	BD Biosciences	557744	
anti-Glut1-FITC	R & D Systems	FAB1418F	
IgG2b-FITC	R & D Systems	IC0041F	
2-NBDG	Life technologies	N13195	Suspend 5 mg of 2-NBDG into 1 ml of deionized water to make a 14.60 mM stock solution (keep for up to 6 months at 4 °C). To make the working 2-NBDG concentration, dilute stock 1/100 with 1x DPBS. Cover with foil. (store for up to 1 week at 4 °C)
Dulbecco's Phosphate Buffered Saline (1x)	Life technologies	14190-144	To make wash solution, add 0.5 g BSA per 100 ml DPBS (store for up to 2 weeks at 4 °C)