

Materials List for:

A Simple and Efficient Method to Detect Nuclear Factor Activation in Human Neutrophils by Flow Cytometry

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
Heparin	PiSA (Mexico)		
Dextran T500	Pharmacosmos A/S (Holbaek, Denmark)	T1-Dextran T500	
Ficoll-Paque	Pharmacia	17-0320-01	
Sodium chloride	Sigma	S7653	
Sodium phosphate monobasic	Sigma	S9638	
Sodium phosphate dibasic	Sigma	S9390	
Bovine serum albumin (BSA)	Sigma	A2153	Cohn Fraction V
HEPES	Sigma	H3375	
Potassium chloride	Sigma	P9541	
Magnesium chloride anhydrous	Sigma	M8266	
D _L -dithiothreitol (DTT)	Sigma	D9163	
Trypan Blue (0.4 % solution)	Sigma	T8154	
Paraformaldehyde	Sigma	P6148	
Triton X-100	Sigma	X100	
Fetal bovine serum (FBS)	GIBCO	10437-028	
Monoclonal antibody IV.3	Medarex (Annandale, NJ)	025-1	Human-specific anti-FcRII (CD32)
Monoclonal antibody 3G8	Medarex (Annandale, NJ)	028-2	Human-specific anti-FcRIII (CD16)
Monoclonal antibody TS2/16	Dana Farber Cancer Research Institute (Boston, MA)	Donated by Dr. Martin Hemler	Human-specific anti-β1 integrin (CD29)
Monoclonal antibody IB4	University of California, San Francisco	Donated by Dr. Eric J. Brown	Human-specific anti-β2 integrin (CD18)
F(ab') ₂ goat anti-mouse IgG	Cappel (Aurora, OH)	55468	
FITC-conjugated F(ab') ₂ goat anti-mouse IgG	Cappel (Aurora, OH)	55522	
FITC-conjugated F(ab') ₂ goat anti-rabbit IgG	Cappel (Aurora, OH)	55665	
Anti-NF-κB p50	Santa Cruz Biotechnology (Santa Cruz, CA)	sc-114	Rabbit polyclonal antibody
Anti-NF-κB p65	Santa Cruz Biotechnology (Santa Cruz, CA)	sc-109	Rabbit polyclonal antibody
EQUIPMENT			
15-ml centrifuge tube	Corning	430791	
50-ml centrifuge tube	Corning	430291	

Centrifuge, Sorvall Tabletop	Dupont Instruments	RT 6000D	
pH-meter	Corning	340	
Pipetman pipette P-20	Gilson	F123600	
Pipetman pipette P-200	Gilson	F123601	
Pipetman pipette P-1000	Gilson	F123602	
Hemocytometer	Fisher Scientific	0267110	
Microscope	Nikon	Eclipse E600	
Inverted microscope	Nikon	TMS	
Water Bath Incubator	Fisher Scientific	2IS-M	
Microcentrifuge	Eppendorf	5414C	
Microcentrifuge	Eppendorf	5418	
Flow Cytometer	Becton Dickinson (Franklin Lakes, NJ)	FACScalibur	