

Materials List for:

Characterization of Human Monocyte-derived Dendritic Cells by Imaging Flow Cytometry: A Comparison between Two Monocyte Isolation Protocols

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Materials

Name	Company	Catalog Number	Comments
Ficoll-Paque	GE Healthcare	17-5442-03	Must be used at RT
Phosphate-buffered saline (PBS)	Life Technologies	10010-023	
ACK Lysing buffer	Quality Biological	118-156-101	
RPMI 1640 medium	Life Technologies	22400-089	
Antibiotic-Antimycotic (100x)	Life Technologies	15240-062	
Fetal Bovine Serum (FBS)	Life Technologies	16000-044	
RoboSep buffer	StemCell	20104	
EasySep Human monocyte enrichment kit	StemCell	19059	
TC20 Automated cell counter	Bio-Rad	145-0101	
FITC-Dextran	Sigma Aldrich	FD4-100MG	
Trypan blue stain (0.4%)	Life Technologies	15250-061	
Synergy 2 multi-mode reader	Biotek	7131000	
XTT Sodium salt bioreagent (XTT)	Sigma Aldrich	X4626-100MG	
Dimethyl sulfoxide bioreagent (DMS)	Sigma Aldrich	D8418-500ML	
Thiazolyl blue tetrazolium bromide (MTT)	Sigma Aldrich	m5655-500MG	
Sodium Dodecyl Sulfate (SDS)	Bio-Rad	161-0302	
Phenazine Methosulfate (DMSO)	Sigma Aldrich	P9626-1G	
Inactivated (HI) Human Serum	Chemicon	S1-100ML	
Accuri C6 Flow Cytometer	BD Accuri	653119	
FlowSight Amnis Flow Cytometer	EMD Millipore	100300	