

Materials List for:

Detection of Fluorescent Nanoparticle Interactions with Primary Immune Cell Subpopulations by Flow Cytometry

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Materials

Name	Company	Catalog Number	Comments
HBSS	Gibco	14170-088	Warm in 37 °C water bath before use
RPML-1640 (ATCC Modified)	Gibco	A10491-01	Warm in 37 °C water bath before use
DMEM, High Glucose, phenol red	Gibco	41966-029	
Penicillin-Streptomycin, Liquid	Gibco	15140-122	
Gentamycin	Gibco	15710-049	
Horse Serum (lot n° 1131917)	Gibco	16050-122	
β-mercaptoethanol	Gibco	21985-023	
Trypsin 2.5%	Gibco	15090-046	
Human Pooled Serum	Invitrogen	34005100	
Versene	Invitrogen	15040-033	
DNAse I	Sigma Aldrich	D5025-150KU	
CD11b-VioBlue human & mouse	Miltenyi Biotec	130-097-336	
MACS BSA Stock Solution	Miltenyi Biotec	130-091-376	
autoMACS Rinsing Solution	Miltenyi Biotec	130-091-222	
Running buffer	Miltenyi Biotec	130-092-747	
autoMACS Running Buffer	Miltenyi Biotec	130-091-221	
Human Pan monocyte isolation kit	Miltenyi Biotec	130-096-537	
Whole Blood Column Kit	Miltenyi Biotec	130-093-545	
Whole Blood CD14 MicroBeads, human	Miltenyi Biotec	130-090-879	
MS Column	Miltenyi Biotec	130-042-201	
LS Column	Miltenyi Biotec	130-042-401	
MidiMACS Separator	Miltenyi Biotec	130-042-302	
MiniMACS Separator	Miltenyi Biotec	130-042-102	
Red Blood Cell Lysis Solution	Miltenyi Biotec	130-094-183	
Preseparation Filters 30 μm	Miltenyi Biotec	130-041-407	
MACSQuant Analyzer flow cytometer	Miltenyi Biotec	130-092-197	
MACSQuant Calibration Beads	Miltenyi Biotec	130-093-607	
Ficoll-Paque Premium	GE Healthcare	GEH17544202	
FITC-SiO ₂ nanoparticles (50 nm, +45 mV)	HiQ-Nano Company		

Rhodamine-SiO ₂ nanoparticles (50 nm, +45 mV)	HiQ-Nano Company		
12-well plate Falcon	Becton Dickinson	353043	