

Materials List for:

Highly Efficient Transfection of Human THP-1 Macrophages by Nucleofection

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Materials

Name	Company	Catalog Number	Comments
Accutase I	Sigma-Aldrich	A6964	
Amino acids, nonessential	PAA	M11-003	
Centrifuge tubes (15 ml)	TPP	TPP91015	
Fetal calf serum (FCS gold)	PAA	A15-151	
Human Monocyte Nucleofector Kit	Lonza	VPA-1007	Contains Nucleofector Solution, cuvettes, and Pasteur pipettes
Human serum off the clot	Lonza	C11-020	
Isove's Modified Dulbecco's Medium (IMDM) with 25 mM HEPES and 25 mM L-glutamine	Lonza	12-722F	
Lymphocyte Growth Medium 3 (LGM3)	Lonza	CC-3211	
Mouse T Cell Nucleofector Medium	Lonza	VZB-1001	
Nucleofector 2b	Lonza	AAD-1001	
Penicillin / streptomycin / L-glutamine (100x)	Sigma-Aldrich	G1146	
Phorbol 12-myristate 13-acetate (PMA)	Fisher Scientific	BP685	
Roswell Park Memorial Institute 1640 Medium (RPMI 1640)	PAA	E15-840	
siRNA / plasmid			
Sodium pyruvate (100 mM)	Sigma-Aldrich	S8636	
THP-1 human leukemia monocytes	CLS	300356	
Tissue culture flasks (75 cm ² ; 150 cm ²)	TPP	TPP90076/TPP90151	
Tissue culture plates (6-well; 12-well)	TPP	TPP92406/TPP92012	
Tubes (1.5 ml)	StarLab	S 1615-5500	
Water (nuclease-free) or appropriate siRNA/plasmid buffer			
X-Vivo 20 with gentamycin	Lonza	BE04-448Q	
β-Mercaptoethanol	Sigma-Aldrich	M3148	