

Materials List for:

A Quantitative Measurement of Reactive Oxygen Species and Senescence-associated Secretory Phenotype in Normal Human Fibroblasts During Oncogene-induced Senescence

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
poly-L-lysine	Sigma-Aldrich	P2636	
BOSC 23	ATCC	CRL-11269	
FBS	GIBCO	16000-044	
penicillin/streptomycin	wellgene	LS202-02	
PBS	Hyclone	SH30013.02	
DMEM	GIBCO	12800-082	
OPTI-MEM	GIBCO	31985-070	
pBabe puro-H-RasV12	Addgene	1768	
pGAG/pol	Addgene	14887	
pVSVG	Addgene	1733	
Turbofect	Thermo Fisher Scientific	R0531	
polybrene	Sigma-Aldrich	H9268	8 mg/ml
puromycin	Sigma-Aldrich	P8833	2 mg/ml
formaldehyde	Sigma-Aldrich	F8775	
5-bromo-4-chloro-3-indolyl β D-galactopyranoside (X-gal)	Sigma-Aldrich	B4252	
potassium ferrocyanide	Sigma-Aldrich	B4252	
potassium ferricyanide	Sigma-Aldrich	P9387	
trypsin-EDTA	wellgene	LS015-01	
DCF-DA	Sigma-Aldrich	D6883	10 mM
Trizol	Thermo Fisher Scientific	15596026	
MMLV Reverse transcriptase	Promega	M1701	
SYBR Green PCR master 2X mix	Takara	PR820A	
Random Primer	Promega	C118A	
Tween-20	Sigma-Aldrich	P9416	
Ultra-pure distilled water	Invitrogen	10977015	
Human IL-6 ELISA assay	PeptoTech	#900-TM16	
Human IL-8 ELISA assay	PeptoTech	#900_TM18	
EQUIPMENTS			
0.45 μm syringe filter	sartorius	16555	

Parafilm	BEMIS	PM-996	
Microscope	NIKON	TS100	
Flow cytometer	BD Bioscience	LSR Fortessa	
Amicon Ultra-4ml	Merk Millipore	UFC800324	
NanoDrop spectrophotometer	BioDrop	80-3006-61	
Real-time PCR System	Applied Biosystems	ABI Prism 7500	
ELISA Reader	Molecular Devices	EMax microplate reader	