

Materials List for:

Mechanism of Regulation of Adipocyte Numbers in Adult Organisms Through Differentiation and Apoptosis Homeostasis

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Materials

Name	Company	Catalog Number	Comments
RNAlater solution	Ambion	AM7021	RNA stabilization solution
High-Capacity cDNA Reverse Transcription Kit	Applied Biosystems	4368813	
SYBR Select Master Mix	4472908		
Purified Mouse Anti-Human Ki-67	BD Biosciences	550609	Clone B56 (RUO)
Purified Mouse Anti-Human Ki-67 Clone B56 (RUO)	550609	Proliferation marker	
FITC Annexin V	BioLegend	640906	
Cleaved Caspase-3 Rabbit mAb	Cell signalling	9664S	Clone 5A1E
Cleaved Caspase-3 (Asp175) (5A1E) Rabbit mAb	9664	Apoptosis marker	
Lipofectamine2000 Reagent	Invitrogen	11668-027	
TO-PRO-3 Iodide	T3605	Nuclear counterstain, Monomeric cyanine nucleic acid stain, Excitation/Emission: 642/661 nm	
Mayer's hemalum	Merck	109249	hematoxylin
pegGOLD TriFast	Peqlab	30-2030	TRIzol, single-phase solution of guanidine isothiocyanate and phenol
Percellys Ceramic Kit 1.4 mm	91-PCS-CK14	tubes containing ceramic beads (1.4 mm)	
Precellys 24	91-PCS24	homogenizer	
HIF-1 alpha Antibody	Pierce	PA1-16601	
HIF-1 alpha Antibody, 16H4L13	700505	Hypoxia marker	
<i>In Situ</i> Cell Death Detection Kit, Fluorescein	Roche	11 684 795 001	TdT-mediated dUTP-biotin nick end labeling (TUNEL)
Eosin	Sigma	318906	
DNase I Solution (1 unit/μl)	Thermo Scientific	EN0525	
biotinylated anti mouse IgG (H+L)	Vector Laboratories	BA-9200	
biotinylated anti mouse IgG (H+L)	BA-1000		
Vectastain ABC Kit	PK-4000		
VECTASHIELD Mounting Medium with DAPI	H-1200		