

Materials List for

Exploring the Pharmacological Action and Molecular Mechanism of Salidroside in Inhibiting MCF-7 Cell Proliferation and Migration

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Materials

Name	Company	Catalog Number	Comments
1% penicillin/streptomycin	HyClone	SV30010	
AKT antibody	ImmunoWay Biotechnology Company	YT0185	
Annexin V-FITC/PI kit	MultiSciences Biotech Co., Ltd.	AP101	
Automatic microplate reader	Molecular Devices	SpectraMax iD5	
Bax antibody	Cell Signaling Technology, Inc.	#5023	
BCA kit	Biosharp Life Sciences	BL521A	
Bcl-2 antibody	Cell Signaling Technology, Inc.	#15071	
Bim antibody	Cell Signaling Technology, Inc.	#2933	
Ca ²⁺ -ATPase assay kit	Nanjing Jiancheng Bioengineering Institute	A070-4-2	
Cell counting kit-8	Biosharp Life Sciences	BS350B	
Cell cycle staining kit	MultiSciences Biotech Co., Ltd.	CCS012	
cleaved caspase-3	Cell Signaling Technology, Inc.	#9661	
cleaved caspase-7	Cell Signaling Technology, Inc.	#8438	
cleaved caspase-9	Cell Signaling Technology, Inc.	#20750	
Crystal violet solution	Beyotime Biotechnology	C0121	
DMEM high glucose culture medium	Servicebio Technology Co., Ltd.	G4510	
Doxorubicin hydrochloride	MedChemExpress	HY-15142	
ECL chemiluminescent solution	Biosharp Life Sciences	BL520B	
Fetal bovine serum	Procell Life Science & Technology Co., Ltd.	164210	
Flow cytometer	BD	FACSCanto II	
Fluo-4 AM	Beyotime Biotechnology	S1060	
FoxO1 antibody	ImmunoWay Biotechnology Company	YT1758	

Goat anti-rabbit IgG secondary antibody	MultiSciences Biotech Co., Ltd.	70-GAR0072	
GraphPad Prism software	La Jolla	Version 6.0	
HIF-1 α antibody	Affinity Biosciences	BF8002	
Human breast cancer cell line MCF-7	Procell Life Science & Technology Co., Ltd.	CL-0149	
Loading buffer	Biosharp Life Sciences	BL502B	
LY294002	MedChemExpress	HY-10108	
Matrigel	Thermo	356234	
mTOR antibody	Servicebio Technology Co., Ltd.	GB11405	
Na ⁺ -K ⁺ -ATPase assay kit	Nanjing Jiancheng Bioengineering Institute	A070-2-2	
Optical microscope	Olympus	IX71PH	
p-AKT antibody	ImmunoWay Biotechnology Company	YP0006	
PI3K antibody	Servicebio Technology Co., Ltd.	GB11525	
p-PI3K antibody	Affinity Biosciences	AF3241	
Quantitative western blot imaging system	Touch Image Pro	eBlot	
Reverse transcription first strand cDNA synthesis kit	Servicebio Technology Co., Ltd.	G3330-100	
ROS assay kit	Beyotime Biotechnology	S0033S	DCFH-DA fluorescence probe is included here
Salidroside	Chengdu Herbpurify Co., Ltd.	H-040	
SDS-PAGE kit	Servicebio Technology Co., Ltd.	G2003-50T	
Total RNA isolation kit	Foregene	RE-03014	
Trypsin	HyClone	SH30042.01	
β -actin	Affinity Biosciences	AF7018	