

Exploring the Two Herb Combination Strategy to Treat Injured PC12 Cells

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Materials

Name	Company	Catalog Number	Comments
1300 series class II biosafety cabinet	Thermo Fisher Scientific Instruments Company	1374	
3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide	Guangzhou saiguo biotech Company	1334GR001	MTT
ACEA NovoExpress 1.4.0	ACEA Biosciences, Inc	-	
Akt	Wuhan Three Eagles Proteintech Group, Inc	10176-2-AP	
Analytical flow cytometry	Thermo Fisher Scientific Instruments Company	62-2-1810-1027-0	
Annexin V-FITC apoptosis detection kit	Beyotime Biotechnology Company	C1062L	
Astragalus injection	Heilongjiang Zhenbao Island Pharmaceutical Company	A03190612144	Ast injection
Astragaloside A	Chongqing Gao Ren Biotechnology Company	84687-43-4	
Bax	Wuhan Three Eagles Proteintech Group, Inc	60267-1-Ig	
BCA protein quantification kit	Beyotime Biotechnology Company	P0012	
Bcl-2	Wuhan Three Eagles Proteintech Group, Inc	26593-1-AP	
Carbon dioxide incubators	Thermo Fisher Scientific Instruments Company	0816-2014	
Caspase-3	Wuhan Three Eagles Proteintech Group, Inc	19677-1-AP	
Chlorogenic acid	Chongqing Gao Ren Biotechnology Company	327-97-9	
Cobalt chloride hexahydrate	Merck Biotechnology, Inc.	7791-13-1	CoCl ₂
Dimethyl sulfoxide	Guangzhou saiguo biotech Company	2020112701	DMSO
Disodium hydrogen phosphate dodecahydrate	Chengdu Kolon Chemical Company	2020090101	
DMEM high sugar medium	Thermo scientific Hyclone	2110050	

DMEM sugar free medium	Beijing Solarbio life sciences Company	2029548	
ECL luminous fluid	Lianshuo Biological Company	WBKLS0500	
Electronic balance	Haozhuang Hengping Scientific Instrument Co., Ltd., Shanghai, China	FA1204	
Electrophoresis instrument	Bio-Rad Laboratories (Shanghai) Co., Ltd	1658026	
Erigeron breviscapus capsule	Yunnan Biogu Pharmaceutical Company	Z53021671	Eri capsule
Fetal bovine serum	Four Seasons Institute of Biological Engineering	20210402	FBS
Fluorescent microscope	Olympus Corporation	IX71-F32PH	
Gel imager	Bio-Rad Laboratories (Shanghai) Co., Ltd	1708265	
Goat anti-mouse secondary antibody	Wuhan Three Eagles Proteintech Group, Inc	SA00001-1	
Goat anti-rabbit secondary antibody	Wuhan Three Eagles Proteintech Group, Inc	SA00001- 2	
IBM SPSS Statistics version 26.0	International Business Machines Corporation, USA	-	
ImageJ 1.8.0	National Institutes of Health, USA	-	imaging software
Immunofluorescence staining kit	Beyotime Biotechnology Company	P0196	
KCl	Chengdu Kolon Chemical Company	2021070901	
Marker	Thermo Fisher Scientific Instruments Company	26616	
Microplate reader	Perkin Elmer Corporate Management (Shanghai) Co.	HH35L2018296	
Motic Inverted microscope	Nanda Scientific Instruments Co.	AE2000LED	
NaCl	Chengdu Kolon Chemical Company	2014081301	
Nonfat milk	Beyotime Biotechnology Company	P0216	
Nrf2	Wuhan Three Eagles Proteintech Group, Inc	16396-1-AP	
P-Akt	Wuhan Three Eagles Proteintech Group, Inc	66444-1-Ig	
PC12 cells	Chinese Academy of Sciences	CBP60430	
Penicillin-Streptomycin solution	Thermo scientific Hyclone	SV30010	
Phosphatase protease inhibitor mixture	Beyotime Biotechnology Company	P1045	
Potassium dihydrogen phosphate	Chengdu Kolon Chemical Company	2015082901	
Reactive oxygen species assay kit	Beyotime Biotechnology Company	S0033S	
RI-PA lysis solution	Beyotime Biotechnology Company	P0013B	
Scutellarin	Chongqing Gao Ren Biotechnology Company	27740-01-8	
SDS-PAGE sample loading buffer, 5x	Beyotime Biotechnology Company	P0015L	
Sterile filter tips (0.22 µm)	Merck Biotechnology, Inc.	SLGP033RB	
Tris-base	Guangzhou saiguo biotech Company	1115GR500	TBS
Trypsin	Thermo scientific Hyclone	J190013	
Tween-20	Chengdu Kolon Chemical Company	2021051301	
Vortex oscillator	OHAUS International Co., Ltd., Shanghai, China	VXMNAL	
β-actin	Wuhan Three Eagles Proteintech Group, Inc	66009-1-Ig	