

Therapeutic Effects of Huazhuojiedu Decoction on Precancerous Lesions of Gastric Cancer by Regulating Mitophagy

Tianxiao Yang^{1,2}, Pingping Zhou², Ziwei Zhang¹, Xinyu Hao³, Shaowei Liu^{1,2}, Haoyu Chen^{1,2}, Yuhua Wang^{1,2}, Yangang Wang^{1,4}

¹Hebei University of Chinese Medicine ²The First Affiliated Hospital of Hebei University of Chinese Medicine ³Peking University Third Hospital ⁴Beijing University of Chinese Medicine Third Affiliated Hospital

Corresponding Author

Yangang Wang
c785@bucm.edu.cn

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Materials

Name	Company	Catalog Number	Comments
1-Methyl-3-nitro-1-nitrosoguanidine	Shanghai McLean Biochemical Technology Co., Ltd., Shanghai, CHN	R030453	
3,3'-diaminobenzidine	Beijing Zhong Shan-Golden Bridge Biological Technology Co., Ltd., Beijing, CHN	ZLI0919	
Alcian blue periodic acid schiff staining reagent kit	Beijing Solarbio Technology Co., Ltd., Beijing, CHN	G1285	
Anti-fade fluorescence mounting medium	Beijing Solarbio Technology Co., Ltd., Beijing, CHN	S2110	
Bicinchoninic acid protein concentration determination kit	Wuhan Servicebio Technology Co., Ltd., Wuhan, CHN	G2026-1000T	
CCK-8 reagent kit	Boster Biological Engineering co., Ltd., Wuhan, CHN	AR1160	
Confocal fluorescence microscopy	Leica Instruments Co., Ltd., Weztlar, GER	TCS-SP8SR	
COX IV antibody	Abcam Trading Co., Ltd., Shanghai, CHN	ab202554	
DAPI staining solution	Beijing Solarbio Technology Co., Ltd., Beijing, CHN	C0065	
DEPC	Wuhan Servicebio Technology Co., Ltd., Wuhan, CHN	G3004	
EdU cell proliferation kit	Beyotime Biotechnology Co., Ltd., Shanghai, CHN	C0071S	
Electrophoresis solution	Boster Biological Technology co., Ltd., Wuhan, CHN	AR0139	
Ethanol	Tianjin Baishi Chemical Industry Co., Ltd., Tianjin, CHN	64-17-5	
FBS	Gibco Corporation, Gaithersburg, USA	16000044	
Fluorescence microscope	Olympus Corporation, Tokyo, JPN	BH2-RFCA	

Foxo3a antibody	Abcam Trading Co., Ltd., Shanghai, CHN	23683	
GAPDH antibody	Wuhan Sanying Biology Technology Co., Ltd., Wuhan, CHN	10494-1-AP	
Gel preparation kit	Boster Biological Technology co., Ltd., Wuhan, CHN	AR0138	
GES-1 cell	Procell Life Science&Technology Co., Ltd., Wuhan, CHN	CL-0563	
Goat-anti-mouse IgG	CST Biological Reagents Co., Ltd., Shanghai, CHN	4409	
Goat-anti-rabbit IgG	Abcam Trading Co., Ltd., Shanghai, CHN	ab150077	
Hematoxylin-eosin staining solution	Zhuhai Beso Biotechnology Co., Ltd., Shenzhen, CHN	BA4027	
High iron diamine/alcan blue staining reagent kit	Beijing Solarbio Technology Co., Ltd., Beijing, CHN	G2070	
ImageJ	National Institutes of Health, Bethesda, USA		
Image-Pro Plus 6.0 software	Media Cybernetics Inc., Maryland, USA		
Isopropanol	Tianjin Baishi Chemical Industry Co., Ltd., Tianjin, CHN	67-63-0	
LC3 antibody	CST Biological Reagents Co., Ltd., Shanghai, CHN	83506	
Loading buffer	Boster Biological Technology co., Ltd., Wuhan, CHN	AR0198	
Microplate reader	Rayto Life and Analytical Sciences Co., Ltd., Shenzhen, CHN	RT6100	
Microtome	Leica Instruments Co., Ltd., Weztlar, GER	RM2245	
Mitophagy kit	Dojindo Laboratories, Kyushu Island, JPN	MD01-10	
Neutral balsam	Wuhan Servicebio Technology Co., Ltd., Wuhan, CHN	WG10004160	
Optical microscope	Olympus Corporation, Tokyo, JPN	BH2-RFCA	
P62 antibody	Abcam Trading Co., Ltd., Shanghai, CHN	ab91526	
Paraformaldehyde	Biosharp Life Sciences, Anhui, CHN	BL539A	
Parkin antibody	CST Biological Reagents Co., Ltd., Shanghai, CHN	32833	
Penicillin–streptomycin	Gibco Corporation, Gaithersburg, USA	15140122	
phosphate-buffered saline	Wuhan Servicebio Technology Co., Ltd., Wuhan, CHN	G0002-15	
PVDF membrane	Millipore Corporation, Michigan, USA	IPVH00010	
Redzol	SBS Genetech Co., Ltd., Beijing, CHN	FTR-50	
Reverse transcription reagent kit	Igene Biotechnology Co., Ltd., Guangzhou, CHN	QP057	
RIPA Buffer solution	Beijing Solarbio Technology Co., Ltd., Beijing, CHN	R002	
Roswell Park Memorial Institute	Gibco Corporation, Gaithersburg, USA	11875093	
Silicone needle	Zhongke Life Biotechnology Co., Ltd., Beijing, CHN	TFEP-2	
siRNA	Wuhan Genecreate Biological Engineering Co., Ltd., Wuhan, CHN		

Sirt3 antibody	Abcam Trading Co., Ltd., Shanghai, CHN	189860	
Sodium salicylate	Shanghai Aladdin Biochemical Technology Co., Ltd., Shanghai, CHN	S104176	
Sprague-Dawley rat	Beijing Huafukang Biotechnology Co., Ltd., Beijing, CHN	110322210102553975	
SYBR quantitative PCR kit	Wuhan Servicebio Technology Co., Ltd., Wuhan, CHN	G3320-15	
Tomm20 antibody	Abcam Trading Co., Ltd., Shanghai, CHN	ab186735	
Transferring buffer	Boster Biological Technology co., Ltd., Wuhan, CHN	AR0141	
Trichloromethane	Shanghai McLean Biochemical Technology Co., Ltd., Shanghai, CHN	821112	
Tris-buffered saline with Tween 20	Wuhan Servicebio Technology Co., Ltd., Wuhan, CHN	G0004	
VDAC1 antibody	Abcam Trading Co., Ltd., Shanghai, CHN	ab15895	
Xylene	Tianjin Baishi Chemical Industry Co., Ltd., Tianjin, CHN	1330-20-7	
β -actin antibody	Abcam Trading Co., Ltd., Shanghai, CHN	ab8226	