

Materials List for

# Gavage Strategy for Decoction Formula of Traditional Chinese Medicine in Osteosarcoma Model Mice

Chujie Zhou<sup>1,2</sup>, Xingyuan Sun<sup>1,2</sup>, Junli Chang<sup>1,2</sup>, Junjie Tong<sup>1,2</sup>, Peng Zhao<sup>1,2</sup>, Suxia Guo<sup>1,2</sup>, Yanping Yang<sup>1,2</sup>

<sup>1</sup>Longhua Hospital, Shanghai University of Traditional Chinese Medicine <sup>2</sup>Key Laboratory of Theory and Therapy of Muscles and Bones, Ministry of Education

## Corresponding Author

Yanping Yang  
yanpingyangks@163.com

## Citation

Zhou, C., Sun, X., Chang, J., Tong, J., Zhao, P., Guo, S., Yang, Y. Gavage Strategy for Decoction Formula of Traditional Chinese Medicine in Osteosarcoma Model Mice. *J. Vis. Exp.* (208), e66177, doi:10.3791/66177 (2024).

## Date Published

June 7, 2024

## DOI

10.3791/66177

## URL

jove.com/video/66177

## Materials

Name	Company	Catalog Number	Comments
143B cell line	ATCC	CRL-8303	osteosarcoma cell line
Anesthesia machine	Shenzhen RWD Life Technology Co.,Ltd	R500IP	The Equipment of Anesthesia mice
Automatic cell counter	Shanghai Simo Biological Technology Co., Ltd	IC1000	Counting cells
BALB/c athymic mice	Shanghai SLAC Laboratory Animal Co, Ltd.	Male	Animal
Barbed skullcap herb	Shanghai Yanghetang Traditional Chinese Medicine Tablet Co., Ltd.	20230606	Decoction-ready medicines
Basement Membrane Matrix	Shanghai Uning BioscienceTechnology Co., Ltd	356234, BD, Matrigel	re-suspende cells
Centrifuge tube (15 mL)	Shanghai YueNian Biotechnology Co., Ltd	430790, Corning	Centrifuge the cells
Elbow gavage needle (12-gauge/ 55 mm)	RWD Life Science Co., Ltd.	C21014-12	Component of gastric perfusion device
Gauze	Haishi Hainuo Group Co., Ltd.	LC45	Decoction filter
Ginseng	Shanghai Wanshicheng Pharmaceutical Co., Ltd.	20220704-2	Decoction-ready medicines
Hedyotis diffusa	Shanghai Yanghetang Traditional Chinese Medicine Tablet Co., Ltd.	2023071107	Decoction-ready medicines
isoflurane	Shenzhen RWD Life Technology Co., Ltd	VETEASY	Anesthesia mice
Micro-volume syringe	Shanghai high pigeon industry and trade Co., Ltd	0-50 µL	Inject precise cells into the tibia
Phosphate-buffered saline	Beyotime Biotechnology	ST447	wash the human osteosarcoma cells
Rubber bands	Shanghai Hengfei Biotechnology Co., Ltd.	XPJ	Fixing gauze on the measuring cup
Syringe (1 mL )	Shanghai Mishawa Medical Industry Co., Ltd.	SBM0040	Component of gastric perfusion device
Trypsin (0.25%)	Shanghai YueNian Biotechnology Co., Ltd	25200056, Gibco	trypsin treatment of cells