

Materials List for:

Preparation of Herbal Medicine: Er-Xian Decoction and Er-Xian-containing Serum for *In Vivo* and *In Vitro* Experiments

Shufen Liu¹, Yueli Sun¹, Ji Li¹, Jingcheng Dong², Qin Bian^{1,2}

¹Longhua Hospital, Shanghai University of Traditional Chinese Medicine

²The Academy of Integrative Medicine of Fudan University

Correspondence to: Qin Bian at qbian1@jhmi.edu

URL: <https://www.jove.com/video/55654>

DOI: [doi:10.3791/55654](https://doi.org/10.3791/55654)

Materials

Name	Company	Catalog Number	Comments
Curculigo orchoides Gaertn (9 g), Herbaa Epimedii (9 g), Radix Morindae Officinalis (9 g), Radix Angelicae Sinensis (9 g), Cortex Phellodendri (6 g), and Rhizoma Anemarrhenae (6 g)	Kang-qiao Chinese Medicine Yinpian Co. Ltd (Shanghai, CN)	160922	EXD components
Filter paper	GElifesciences	99-103-952	Filter EXD decoction before concentration
Imprinting Control Region (ICR) mice	Shanghai Laboratory Animal Center	SCXK 2007-0005	In vivo study
Sprague Dawley rats	Shanghai Laboratory Animal Center	SCXK 2007-0005	EXD-containing serum preparation
Syringe filter	Millipore	SLGP033RB	0.22 µm
gavage needles (10 ml)	Shanghai BO Ge trade sales department	59104274	Adminstration of EXD
Ketamine (80 mg/kg)	Fujian Gutian Pharma Co. Ltd	H35020148	Anesthesia
Xylazine (10 mg/kg)	Sunway Pharma Co. Ltd	CB07591	Anesthesia
Dulbecco's modification of Eagle's medium Dulbecco (DMEM) culture medium	Gibco	12800-116	DMEM with 2 mM L-glutamine and without ribonucleosides and ribonucleotides
Streptomycin	Sigma	1277	100 µg / ml
Penicillin	Sigma	4687	100 µg / ml