

Materials List for

Ultra High-Performance Liquid Chromatography-Mass Spectrometry and Self-established Database Analysis of Chinese Herbal Medicine Components

Yanni Gao^{*1}, Min Li^{*1}, Xue Jiang¹, Fujin Yang¹, Chunyan Zhou², Bin Zhang¹, Deming Liu¹

¹Chongqing Clinical Research Center for Dermatology, Chongqing Key Laboratory of Integrative Dermatology Research, Key Laboratory of External Therapies of Traditional Chinese Medicine in Eczema, Department of Dermatology, Chongqing Traditional Chinese Medicine Hospital ²General Surgery, Chongqing Traditional Chinese Medicine Hospital

* These authors contributed equally

Corresponding Authors

Bin Zhang

binzhangcqcm@126.com

Deming Liu

scmyxs@hotmail.com

Citation

Gao, Y., Li, M., Jiang, X., Yang, F., Zhou, C., Zhang, B., Liu, D. Ultra High-Performance Liquid Chromatography-Mass Spectrometry and Self-established Database Analysis of Chinese Herbal Medicine Components. *J. Vis. Exp.* (201), e66091, doi:10.3791/66091 (2023).

Date Published

November 3, 2023

DOI

10.3791/66091

URL

jove.com/video/66091

Materials

Name	Company	Catalog Number	Comments
chloroform	Sinopharm Chemical ReagentCo., Ltd	CAS 67-66-3	
ethyl acetate	ChuandongChemical	CAS 141-78-6	
liquid chromatograph	Waters	ACQUITY Class 1 plus	
MassLynx	Waters	V4.2	MS control software
Methanol	ChuandongChemical	CAS 67-56-1	
n-butyl alcohol	ChuandongChemical	CAS 71-36-3	
petroleum ether	ChuandongChemical	CAS 8032-32-4	
Quadrupole time-of-flight mass spectrometry	Waters	SYNAPT XS	
UNIFI	Waters		Data analysis software