

Materials List for:

Behavioral Assessments of Spontaneous Locomotion in a Murine MPTP-induced Parkinson's Disease Model

Pei-En Jiang¹, Qiu-Han Lang¹, Qin-Yi Yu¹, Xin-Yu Tang¹, Qian-Qian Liu¹, Xin-Yu Li¹, Xi-Zeng Feng¹

¹State Key Laboratory of Medicinal Chemical Biology, The Key Laboratory of Bioactive Materials, Ministry of Education, College of Life Science, Nankai University

Correspondence to: Pei-En Jiang at jpe_lily@163.com, Xi-Zeng Feng at xzfeng@nankai.edu.cn

URL: <https://www.jove.com/video/58653>

DOI: [doi:10.3791/58653](https://doi.org/10.3791/58653)

Materials

Name	Company	Catalog Number	Comments
70% Ethanol	Ruiboxing Company	RBX-64175	
Camera	BASLER	acA645-100gm	
Cylinder test	Made in-house at Nankai University	N/A	
Excel	Microsoft	N/A	
Levodopa	Sigma-Aldrich	72816	
Matalb 2017a	Mathworks	N/A	
Mice	Institute of Zoology, Chinese Academy of Sciences	Balb/c	Adult female mice(10 weeks)
MPTP	Yuanye Biological Technology Company Ltd., Shanghai	S31504-500mg	
Open field test	Made in-house at Nankai University	N/A	
Syringe	Solelybio	S-xsgwz-w	Irrigation
Syringe	Jiangxi Fenglin Medical Application Co.	hc3824	Intraperitoneal injection