

May 22, 2024

Sucrose Preference

DOI

dx.doi.org/10.17504/protocols.io.4r3l22wwxl1y/v1

daniel.dautan daniel¹, Per Svenningsson¹

¹Karolinska Institute

ASAP Collaborative Rese...

Kaplift Protocols



Eileen Ruth Torres

Weill Cornell Medicine

OPEN  ACCESS



DOI: **dx.doi.org/10.17504/protocols.io.4r3l22wwxl1y/v1**

Protocol Citation: daniel.dautan daniel, Per Svenningsson 2024. Sucrose Preference. **protocols.io**

<https://dx.doi.org/10.17504/protocols.io.4r3l22wwxl1y/v1>

License: This is an open access protocol distributed under the terms of the **[Creative Commons Attribution License](#)**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: February 21, 2024

Last Modified: May 22, 2024

Protocol Integer ID: 95567

Keywords: ASAPCRN

Funders Acknowledgement:

Aligning Science Across

Parkinson's

Grant ID: 020608

Abstract

Test for anhedonia-like behavior in mice.



- 1 Individually house mice.
- 2 Place two bottles in random positions in each cage:
 - 1) one bottle containing regular water
 - 2) the second containing 1% sucrose diluted in water
- 3 Record the weight of the each bottle before and after 24 hours.
- 4 Sucrose preference index is defined as the total sucrose consumption over the total liquid consumption.