FEB 07, 2024

OPEN ACCESS

Protocol Citation: daniel.dautan, Per Svenningsson, Valina L. Dawson, Ted Dawson, Hanseok Ko 2024. Nest Building Test. **protocols.io** https://protocols.io/view/nest-building-test-c8vrzw56

Protocol status: Working
We use this protocol and it's working

Created: Feb 07, 2024

Last Modified: Feb 07, 2024

PROTOCOL integer ID: 94865

Nest Building Test

Forked from Nest Building Test

daniel.dautan[1,2], Per Svenningsson[1,2], Valina L. Dawson[3,4,2,5,6,7], Ted Dawson[3,4,2,5,6,7,8], Hanseok Ko[3,4,2]

[1]Department of Clinical Neuroscience, Karolinska Institutet, 171 76 Stockholm, Sweden;
[2]Aligning Science Across Parkinson's (ASAP) Collaborative Research Network, Chevy Chase, MD 20815, USA;
[3]Neuroregeneration and Stem Cell Programs, Institute for Cell Engineering, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA;
[4]Department of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA;
[5]Adrienne Helis Malvin Medical Research Foundation, New Orleans, LA 70130-2685, USA;
[6]Department of Physiology, Johns Hopkins University School of Medicine, Baltimore, MD 21205 USA;
[7]Solomon H. Snyder Department of Neuroscience, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA;
[8]Institute for NanoBioTechnology, Johns Hopkins University, Baltimore, MD, USA

Eileen Ruth Torres
Weill Cornell Medicine

ABSTRACT

Used to assess nigrostriatal sensorimotor function in mice. Based on the Deacon 2006 protocol.

MATERIALS

Cotton nestlets

Keywords: ASAPCRN, behavior,
fine motor skills

Funders Acknowledgement:
Aligning Science Across
Parkinson's
Grant ID: 020608

1 Singly house mice in individual, clean cages.

2 Place a paper tissue folded into a 5x5 cm square.

3 Following 48h the bedding was score between 0 to 5 as follows:

0- The mice did not touch the paper square.

1- The mice unfolded the paper square but did not tear it up.

2- The mice unfolded and started to tear down <10% of the paper square.

3- The mice tear down the paper square <50%.

4- The mice tear down the paper square, but the bedding is not perfect.

5- Perfect bedding.