

FEB 07, 2024

# OPEN ACCESS



**Protocol Citation:** Valina L. Dawson, Ted Dawson, Hanseok Ko 2024. Nest Building Test. **protocols.io** 

https://protocols.io/view/nest-building-test-c8vnzw5e

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: Feb 07, 2024

Last Modified: Feb 07, 2024

PROTOCOL integer ID: 94862

# Nest Building Test

Valina L. Dawson<sup>1,2,3,4,5,6</sup>, Ted Dawson<sup>1,2,3,4,5,6,7</sup>, Hanseok Ko<sup>1,2,3</sup>

<sup>1</sup>Neuroregeneration and Stem Cell Programs, Institute for Cell Engineering, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA;

<sup>2</sup>Department of Neurology, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA;

<sup>3</sup>Aligning Science Across Parkinson's (ASAP) Collaborative Research Network, Chevy Chase, MD 20815, USA;

<sup>4</sup>Adrienne Helis Malvin Medical Research Foundation, New Orleans, LA 70130-2685, USA:

<sup>5</sup>Department of Physiology, Johns Hopkins University School of Medicine, Baltimore, MD 21205 USA:

<sup>6</sup>Solomon H. Snyder Department of Neuroscience, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA;

<sup>7</sup>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

# 👸 protocols.io

Keywords: ASAPCRN, I	behavior,
----------------------	-----------

fine motor skills

- 1 Place 2.5 g nestlet into feeder of each cage.
- 2 Individually house mice must then pull the cotton nestlet from the feeder by rearing and useing complext fine motor skills.
- 3 Scores based on the amount of unused nestlet material were determined 16 hours after the nestlet was placed. Further details on scoring can be seen in Deacon 2006.