



Jul 23, 2020

Somatic Signs of Withdrawal

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Works for me

This protocol is published without a DOI.

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PROTOCOL CITATION

Lauren Smith, Nathan Rizo, Lani Tieu, Olivier George 2020. Somatic Signs of Withdrawal. **protocols.io**
<https://protocols.io/view/somatic-signs-of-withdrawal-ba34igqw>



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CREATED

Jan 08, 2020

LAST MODIFIED

Jul 23, 2020

PROTOCOL INTEGER ID

31580

MATERIALS

NAME	CATALOG #	VENDOR
Timer		

MATERIALS TEXT

- Clear acrylic cylinders
- Timer

Procedure

- 1 Place two observation cylinders on a surface
- 2 Place one rat in each cylinder
- 3 Set a timer to 30 minutes, at which point both observers will begin to watch the animals
- 4 Behaviors to be tallied:
 - Jumps
 - Teeth Chattering
 - Ptosis
 - Blinks

- Head Shakes
- Paw Tremors
- Abdominal Contractions
- Genital Licks
- Yawns

5 Behaviors to be scored (0-3):

- Pilo erection
- Diarrhea

6 One tally is one behavior isolated by another behavior

Example: the animal chatters teeth for a while, then licks genital, then chatters teeth again_ that is two tallies for teeth chattering and one for genital licking

7 Pay attention to the animal during the full 30 minutes- do not distract each other

8 Sum the scores for each animal to get the withdrawal score