

Apr 05, 2024

Version 2

## Tail Suspension Test V.2

 In 3 collections

DOI

[dx.doi.org/10.17504/protocols.io.6qpvr3222vmk/v2](https://dx.doi.org/10.17504/protocols.io.6qpvr3222vmk/v2)

Marina Lorente Picón<sup>1</sup>, Núria Peñuelas<sup>1</sup>, Ariadna Laguna<sup>1</sup>, Marta Gonzalez-Sepulveda<sup>1</sup>, Miquel Vila<sup>1</sup>

<sup>1</sup>Vall d'Hebron Research Institute

Vilalab Public

Nuria



Miquel Vila

VHIR-CIBERNED-ASAP

### Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.6qpvr3222vmk/v2>

**Protocol Citation:** Marina Lorente Picón, Núria Peñuelas, Ariadna Laguna, Marta Gonzalez-Sepulveda, Miquel Vila 2024. Tail Suspension Test. [protocols.io https://dx.doi.org/10.17504/protocols.io.6qpvr3222vmk/v2](https://dx.doi.org/10.17504/protocols.io.6qpvr3222vmk/v2) Version created by **Miquel Vila**

**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:** April 05, 2024

**Last Modified:** April 08, 2024

**Protocol Integer ID:** 97833

**Keywords:** mice, test

**Funders Acknowledgements:**

Aligning Science Across Parkinson's

Grant ID: ASAP-020505

## Disclaimer

The [protocols.io](https://www.protocols.io) team notes that research involving animals and humans must be conducted according to internationally-accepted standards and should always have prior approval from an Institutional Ethics Committee or Board.

## Abstract

Tail Suspension Test for mice

## Troubleshooting



- 1 Suspend animals by their tails with tape in a suspension bar.
- 2 To avoid the tail climbing behavior, pass a 2cm methacrylate tube through the tail before suspending the animal.
- 3 Quantify the escape-oriented behaviors (i.e. fore and hind limbs movement) during six minutes. Vocalizations were registered during this period with a yes/no score.
- 4 Calculate the total immobilization time (s) as the sum of all the time the animal was not performing any escape-oriented behavior.