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

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## Passive avoidance (step-down test)

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## **ABSTRACT**

Passive avoidance (step-down test) for mice

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Last Modified: Nov 23, 2023 **PROTOCOL** integer ID: 91252 **Funders Acknowledgement: ASAP** Grant ID: ASAP-020505 1 Prepare the platform: Passive Avoidance - Step Down for Mice (vibrating platform) (#40570, Ugo Basile) consisting of a platform located in a controllable electrified net. 2 Train the animals 24h before the test. Put the animal in the plexiglass platform located in the middle of the electrified net with 0.3 mA. If the mouse steps down the platform, it will receive an electric shock. Stop immediately the electrified net and remove the animal from the cage. 3 Clean the platform each time between animals. 4 After 24 hours, place again the same mice in the same platform. Do not electrify the net. Measure the time that the animal spends on the platform before stepping down. 5 Calculate the time on the platform by subtracting the latency time from the first day to that of the second day to normalize for the inter-individual variability in curiosity/activity of each mouse.