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

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🌐 Rotarod

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ABSTRACT

Rotarod protocol optimized for mice. This test is made to assess motor coordination and balance. The results should show lower latency to fall numbers for mice with motor impairments.

SAFETY WARNINGS

> ⚠️ Depending on the rotarod apparatus, you need to be careful of mice tails being caught in-between the rotating rod and the separating wall panels.

ETHICS STATEMENT

Animal maintenance and experiments were performed in accordance with the National Institutes of Health guidelines and approved by the Institutional Animal Care and Use Committee of the Rush University Medical Center (Chicago, IL).

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PROTOCOL integer ID: 95890

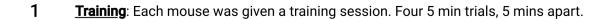**Keywords:** ASAPCRN, rotarod, mice behavior

1   **Training**: Each mouse was given a training session. Four 5 min trials, 5 mins apart.

2   **Test Period (1 hour later)**: Each mouse was place inside the rotarod apparatus with increasing speed (4 rpm to 40 rpm in 300 secs). Latency to fall was recorded. (Digital rotarod recorded it automatically)

3   Each mouse received two consecutive trials. Mean latency to fall was used for analysis.