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Intraperitoneal L-dopa injection in mice

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Protocol status: Working

We use this protocol and it's working



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Abstract

Intraperitoneal L-dopa injection in mice



Preparation

1h

- 1 Mice were acclimated to the room for  01:00:00

1h

L-dopa preparation

1h

- 2 Prepare the L-dopa mix fresh every day.
Prepare a master mix of: 12.5mg/kg L-dopa and 12.5mg/kg benserazide dissolved in sterile saline with 0.25% citrate (wt/vol). Calculate grams depending on number of mice to be injected. Using vortex will dissolve the solution easier.

L-dopa injection

5m

- 3 Mice are injected intraperitoneally with the 12.5mg/kg L-dopa and 12.5mg/kg benserazide solution.

Behaviour

1d

- 4 One hour post injection, mice were tested using the appropriate behavior protocol.