

# Tail-flick test

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### Abstract

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## Protocol

### Step 1.

Mice are allowed to habituate for 30 min to the testing environment and the injection occur immediately the start of the test.

### Step 2.

Each mouse is lightly restrained in a denim pocket while the distal half of it's tail is exposed into a thermostatically controlled temperature

### Step 3.

Latency to respond to the heat stimulus by vigorous flexion of the tail is measured with a stopwatch.

### Step 4.

Each mouse is given 3-5 trials with an inter-trial interval of 10 s, and a maximum trial duration of 8 s.

### Step 5.

To prevent tissue injury each mouse's tail is promptly removed from the hot water after 30 s.

### Step 6.

Latency performance of the last 3 trials are recorded.