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## Tail-flick test

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***Pharmacological characterization of crotamine effects on mice hind limb paralysis employing both ex vivo and in vivo assays: insights into the involvement of voltage-gated ion channels in the crotamine action on skeletal muscles***

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**Protocol status:** Working

**We use this protocol and it's working**

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## Troubleshooting



- 1 Mice are allowed to habituate for 30 min to the testing environment and the injection occur immediately the start of the test.
- 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
- 3 Latency to respond to the heat stimulus by vigorous flexion of the tail is measured with a stopwatch.
- 4 Each mouse is given 3-5 trials with an inter-trial interval of 10 s, and a maximum trial duration of 8 s.
- 5 To prevent tissue injury each mouse's tail is promptly removed from the hot water after 30 s.
- 6 Latency performance of the last 3 trials are recorded.