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**STANDARD OPERATING PROCEDURE**  
Updated: 01-02-2022 Valid upto 01-08-2022

# ANALGESIOMETER

**Function:** To screen analgesic activity by tail flick method.

**Standard Operating Procedure:**

- Check the connections of electricity, wires and attachments properly.
- Place the animal inside the restrainer.
- Place the tip of the rat tail on the copper wire assembly.
- Record the basal reaction time to monitor normal behavior of the animal and to select the animal for the study. Reject the animal if it doesn't flick its tail on or before 5 seconds.
- Repeat the same procedure after drug treatment to record the reaction time

**Note:** Cut off time 10 seconds should be maintained to avoid the injury to the tail.

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