



BLDEA's SSM College of Pharmacy and Research Centre
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Dept. of Pharmacology

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

ELECTRO-CONVULSION METER

Function: To induce convulsions and to evaluate anticonvulsant effect

Standard Operating Procedure:

- Check the connections of electricity, wires and attachments properly.
- Fix the intensity of electric shock as per the required study model.(50mA for mice
150mA for rats for the duration of 0.2seconds.
- Gently fix the corneal electrodes in ear regions of the rat\mice.
- Press the start button.
- Record the behavior of the animal and time spent by animal in five different phases of convulsions in Control and Test group.

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