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# Two-Bottle Choice Protocol

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## PROTOCOL CITATION

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## MATERIALS TEXT

- Solutions being tested
- Two water bottles/stoppers
- Individually housed animals

### 24-Hour Two Bottle Choice Procedure

- 1 Record weekly body weights of animals for calculation of solution intake as mg/kg
- 2 Mix and fill required solutions in bottles
- 3 Record weight of all bottles prior to drinking session
- 4 Put bottles on cages with solution A on left and B on right (rotate side position each day) and leave for 24 hours
- 5 Following 24 hours remove bottles from caging being careful not to spill any liquid

- 6 Record weight of all bottles after drinking session
- 7 Subtract weight of each bottle after drinking from weight of same bottle prior to drinking to calculate liquid consumed and record in notebook
- 8 Rinse bottles and re-mix and fill solutions in bottles
- 9 Record new weights and place bottles back on cages with positions swapped
- 10 Repeat all steps daily as desired