


Catalase Test

Steps - click "Start"

1. Click on the H₂O₂ bottle and drag it to a glass slide to place a drop of H₂O₂ on the slide.
2. Click on the box of sterile sticks to select one stick, which becomes the mouse.
3. Click on one of the plates and then pick an isolated colony using the stick (mouse).
4. Move the stick (with bacteria) to the drop of H₂O₂ on the slide and click once.
5. Drag the tip into the drop of H₂O₂ on the slide and gently mix into the solution.
6. Observe for bubbling and answer question that pops up by clicking "positive" or "negative".
7. The mouse will still be your stick, which is now contaminated and must be disposed of in the biohazard waste container by clicking on the appropriately labeled  waste container.
8. The exercise can then be repeated for the second plate and glass slide.
9. At the end of the exercise, remember to place the contaminated glass slides in the appropriate sharps waste container.

Credits

Faculty: *Cindy Arvidson, PhD*

Producer: *Jiatyan Chen*

Programmer: *Nathan Lounds*

Artist: *Deon Foster*