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Powdered Urine Science Kit

This is your solution for simulating human urine. The powdered urine kit, is the only product that is recommended for conducting any type of lab experiment where human urine is needed such as junior high and high school science fairs. This urine can be used for demonstrating how drug testing kits work. If you need drug testing kits for your experiment you can them on our website.

Contents

- 1 small vial containing powdered urine
- 1 50 ml medical vial with blue lid
- 1 temperature strip attached to the 50 ml vial
- 2 single-use air-activated heaters enclosed in a plastic package – DO NOT OPEN until day of the experiment.

Instructions

Pour the powdered urine in the small vial into the larger tube. Slowly fill the tube with water to the very top of the tube, screw the blue cap on tightly and shake until the powder is completely dissolved. Open the heater package, peel the paper off of one heater and stick it to the back side of the tube, directly opposite of the temperature strip. Conduct your experiment.

Tips and Tricks

- Before submitting this urine for your experiment, you MUST verify that the temperature is between 90 to 99 degrees.
- We suggest you start with room-temperature water, instead of hot or warm water, because the heater we give you brings the water up to correct temperature range on its own. Use one heater, unless you want to get to the proper temperature faster.
- If you do not see any reading on the temperature strip, it is not broken. The urine is either too cold or too hot. The temperature strip is highly accurate, reusable and the highest quality component of the kit.
- If the urine is too cold, be patient and let the heater bring the temperature up. If the urine is too hot, remove the cap and heater and gently blow on the urine until it comes into the correct range.
- Try a little practice. Take the tube on its own, go to the sink and put in hot water, driving the temperature off the scale above 100 degrees. Gently blow on the liquid until you see the rainbow temperature indicator come into the 90 to 99 degree range. This does two things – let you see that rainbow indicator on the temperature strip – which is reusable over and over - and gives you experience with bringing the temperature down, just in case the temperature rises above 100 degrees.
- Be sure the heater is not too close to the temperature strip, or the strip will be measuring the heater, instead of the water. For a snug fit between the heater and tube, use rubber bands or adhesive tape.
- Unless the urine is too hot, do not take the heater off the tube, or the temperature will eventually fall out of the required range of 90 to 99 degrees.
- Don't jump the gun. These heaters are single use, so be positive of when your test will take place. Before you prepare the kit, double check to see that the testing facility is ready to accept your sample.
- The powdered urine kit is good for 12 months before mixing and three days after mixing, when you keep it out of the heat and moisture.
- If your experiment requires more than 50 ml, take a small vial of water with you, so you can dilute the sample up to the minimum level, without diluting the sample too much or affecting the temperature.

For Best Results Product Needs to be Used Within 1 Year of Purchase