



Eggsperiment!

Naked Egg

What you need

raw egg, a large glass, white vinegar, kitchen rubber gloves

What you do

- ★ Take an unbroken raw egg and put it in the glass
- ★ Cover it with white vinegar (Acetic Acid)
- ★ Watch - do you see anything happening?
- ★ Leave for 24 hours
- ★ Wearing rubber gloves be very gentle not to break the membrane when lifting it out
- ★ What do you see?
- ★ Why not see how high you can bounce your 'egg with no shell' before it breaks.

What is happening

The vinegar reacts with the egg shell (calcium carbonate) causing it to dissolve. The calcium floats away and the carbonate further reacts to form a gas called carbon dioxide - this is why you see bubbles around the egg in the glass.

This is why you are left with a naked egg with just the membrane protecting the contents.