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Phases Complete

3 of 3 phases.

Phase Resets

Phase 1: 0

Phase 2: 0

Phase 3: 0

Phase 4: 0

Popup Questions

How are you going to determine if iodine and/or starch diffuse across the dialysis tubing?

Select all of the correct statements.

Incorrect Attempts: 3

Did diffusion across the membrane occur for the iodine solution?

Incorrect Attempts: 0

Did diffusion across the membrane occur for the starch solution?

Incorrect Attempts: 1

Did diffusion across the membrane occur for the glucose solution?

Incorrect Attempts: 0

My Prediction:

Iodine and glucose will be able to diffuse across the dialysis tubing membrane, but not starch due to its molecular size.

My Strategy:

I will place iodine on one side of the dialysis tubing and glucose and starch on the other. I will then test to determine if diffusion has occurred.

My Conclusion:

Diffusion occurred based on molecular size. Iodine and glucose are much smaller molecules than starch; therefore, they were able to diffuse.

Collected Lab Data

	Before Diffusion	After Diffusion
Glucose in tubing	Yes	Yes
Glucose in beaker	No	Yes
Starch in tubing	Yes	Yes
Starch in beaker	No	No
Iodine in tubing	No	Yes
Iodine in beaker	Yes	Yes

