

### Data Table

	<u>Starting Color</u>	<u>Color after 15 minutes</u>
Solution in Beaker		
Solution in Bag		

### Post Lab Analysis

1. Based on your observations, which substance moved, the iodine or the starch?
2. How did you determine this?
3. The plastic baggie was permeable to which substance?
4. Is the plastic baggie selectively permeable?
5. Sketch the cup and baggie in the space below. Use arrows to illustrate how diffusion occurred in this lab.
6. What would happen if you did an experiment in which the iodine solution was placed in the baggie, and the starch solution was in the beaker? Be detailed in your description.