

Passive Membrane Transport Handout

As you work your way through the passive membrane transport lesson, answer the following questions to help you collect the relevant information.

1. Explain the importance of transport across the membrane.

2. What is passive transport?

3. Describe how each of the following passive transport mechanisms work. Provide examples of substances that each mechanism transports. Draw diagrams if necessary:
 - I. Passive Diffusion

II. Facilitated Diffusion (describe the two types of transport proteins)

III. Osmosis

4. Define isotonic, hypertonic and hypotonic solutions. What will happen to the cell in each situation?

5. Distilled water is considered hypotonic to body cells. Explain.