

SC.912.L.14.3 – Cell Structure – Example 2 Answer

Cells need to bring in molecules to carry out cellular processes. Often, this requires moving the molecules across the cell membrane against the concentration gradient. How do these molecules get into the cell?

**A. passive transport by diffusion**

**B. active transport using ATP**

**C. passive transport by osmosis**

**D. phagocytosis**

Answer

B. active transport using ATP

Active transport requires ATP and is used when solutes need to move against a concentration gradient.