

Key

Cellular Transport Summary

| Types of Transport | Active or Passive | With or Against Conc Gradient | What is used to help: Channel Protein Protein Pump Cytoplasm Nothing | Examples of Substances Transported This Way |
|----------------------------|-------------------|-------------------------------|---|---|
| DIFFUSION | Passive | With | Nothing | gases nonpolar molecules |
| FACILITATED DIFFUSION | Passive | With | Channel Protein | Glucose |
| OSMOSIS | Passive | With | Nothing | Water |
| FACILITATED TRANSPORT | Active | Against | Protein Pump | Na^+/K^+ ions |
| ENDOCYTOSIS (phagocytosis) | Active | Against | Cytoplasm | Food (solids) |
| ENDOCYTOSIS (pinocytosis) | Active | Against | Cytoplasm | oils (liquids) |
| EXOCYTOSIS | Active | Against | Cytoplasm | Wastes |