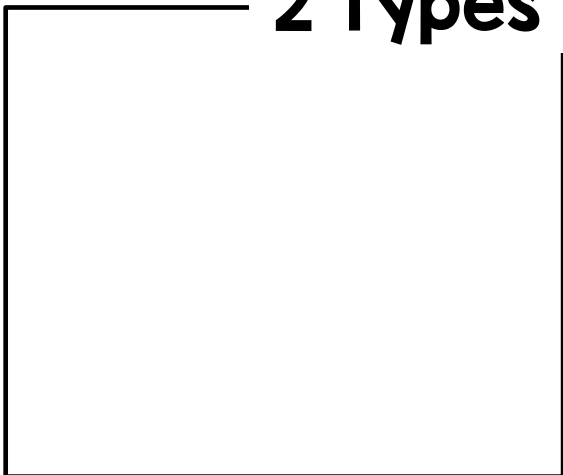


Cell Transport notes

The cell membrane is semipermeable:

2 Types of Transport

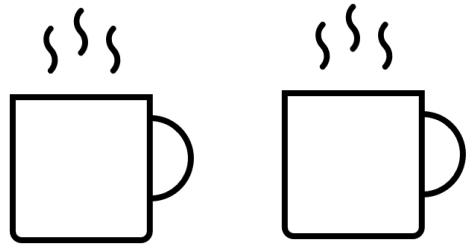


VOCAB

Concentration:

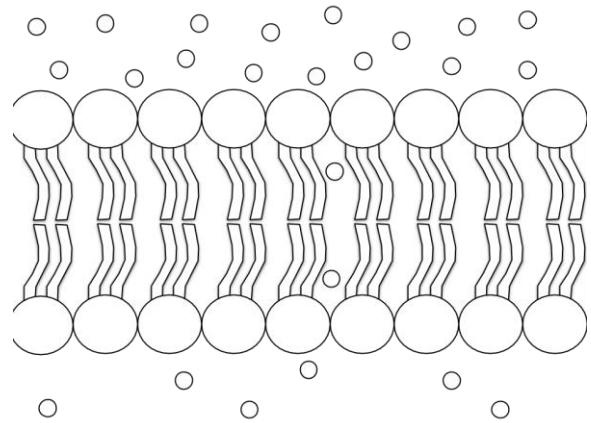
Concentration Gradient:

Sketch a higher concentration of sugar in the coffee cup to the right and a lower concentration of sugar in the cup on the left.



Diffusion

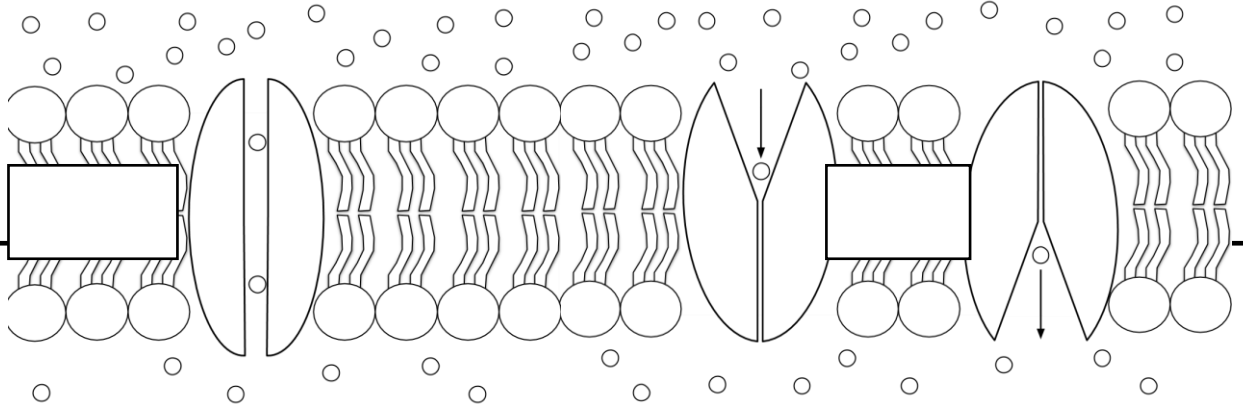
No energy required!



Passive Transport

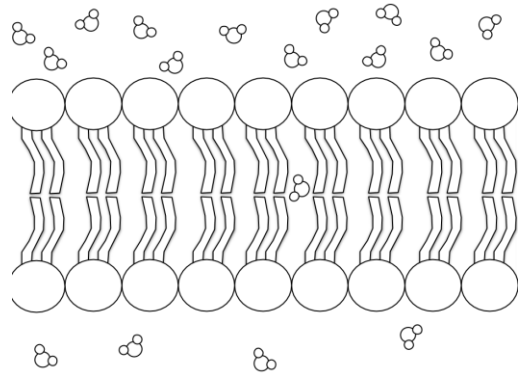
Facilitated Diffusion

No energy required!



Osmosis

No energy required!



Solution:

Isotonic

5 g/ml

5 g/ml
Cell

Hypotonic

5 g/ml

10 g/ml
Cell

Hypertonic

10 g/ml

5 g/ml
Cell

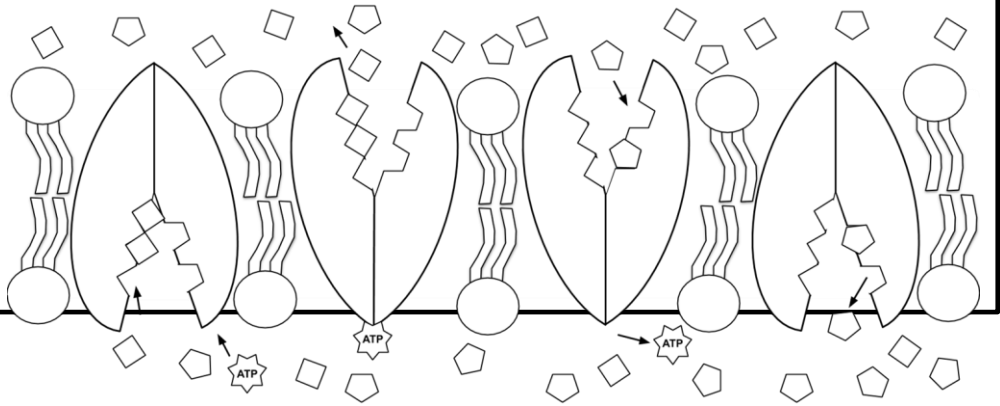
Active Transport



Info about active transport:

Protein Pumps

Energy required!



Bulk Transport

Energy required!

Endocytosis

Exocytosis

