

EXTRA CELLULAR

Phospholipid.

Phosphate Head (Hydrophilic)
Lipid Tail (Hydrophobic)

Carbohydrate

Molesterol.

Phospholipid
Bilayer

Protein.

Channel Protein.

Carrier Protein.

INTRACELLULAR.

Simple diffusion

through the membrane without the use of proteins. From high to low concentration (with the gradient).

Allows for facilitated diffusion.

from a high to low concentration (with the gradient).

Allows for facilitated diffusion

from a high to low concentration (with the gradient).

Allows for active transport.

from low to high concentration (against the gradient). Requires ATP.

Cell membrane is selectively semi-permeable (allows + restricts ions passing through).