

# Osmotic Conditions Surrounding Cells

Isotonic solution – Solute [ ] outside of cell is equal to [ ] inside the cell. Cell remains normal.

Hypertonic solution – Fluid surrounding the cell has a higher solute [ ] than inside. Water diffuses out and the cell shrinks!

Hypotonic solution – [ ] of solute is higher inside the cell than outside. Water will diffuse into the cell. The cell expands!

