

Distinguish, differentiate, compare and explain what is the main difference between Osmotic and Oncotic Pressure. Comparison and Differences.

## **Difference between Osmotic and Oncotic Pressure**

1. Osmotic pressure is the pressure needed to stop the net movement of water across a permeable membrane which separates the solvent and solution. Oncotic pressure is the contribution made to total osmolality by colloids.
2. Osmotic pressure is measured by osmometer. Oncotic pressure is measured by oncometer.
3. Osmotic pressure is determined by the number of solutes or particles and the degree of ionization. Oncotic pressure is determined by the number of colloids in a solution.

Steady Run