

## ***Solution Biology Definition***

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**Solution Biology Definition**

Solution. A type of homogenous mixture in which the particles of one or more substances (the solute) are distributed uniformly throughout another substance (the solvent ).

**Solution - Biology-Online Dictionary | Biology-Online ...**

Solution Definition A solution is a homogeneous mixture of solvent and solute molecules. A solvent is a substance that dissolves another substance by pulling the molecules apart through electrochemical interactions.

**Solution - Definition, Types and Examples | Biology Dictionary**

Isotonic Solution Definition An isotonic solution is one that has the same osmolarity , or solute concentration, as another solution. If these two solutions are separated by a semipermeable membrane , water will flow in equal parts out of each solution and into the other.

**Isotonic Solution - Definition and Examples | Biology ...**

Solvent. 1. A liquid in which substances (or solutes) are dissolved forming a solution . 2. In a solution, the solvent is the one that is usually present in greater amount than the solute.

**Solvent - Biology-Online Dictionary | Biology-Online ...**

A hypertonic solution refers to a solution that has a greater concentration of solute than another solution. In the context of biology, when two aqueous solutions are separated by a cell membrane, if the concentration of solute is greater outside the cell than inside the membrane, the solution is called hypertonic.

**Hypertonic Solution: Definition And Role In Cell Biology ...**

The air we breathe, what we drink, as well as products in our household - these are a few examples of solutions we encounter every day. In this lesson, we will discuss what a solution is, the ...

**What is a Solution in Science? - Definition & Examples ...**

Online Biology Dictionary. A solution with a higher salt concentration than blood will, when mixed with blood, cause blood cells to shrink. Isotonic solutions cause neither shrinkage nor swelling since they exert the same osmotic pressure as blood (7.2 atm, the same as a 0.9% sodium chloride solution).

**Hypertonic solution | Online Biology Dictionary**

Biology I - Chapter 2-2. For BIO 1 class. This is Section 2 (Properties of Water) of Chapter 2 (The Chemistry of Life). Word Bank: cohesion, adhesion, mixture, solution, solute, solvent, suspension, pH scale, acid, base, buffer. cohesion. the attraction between molecules of the same substance. adhesion.

**Biology I - Chapter 2-2 Flashcards | Quizlet**

A solution is a homogeneous mixture of two substances—that is, it has the same distribution of particles throughout. Technically speaking, a solution consists of a mixture of one or more solutes dissolved in a solvent. The particles of solute and solvent are molecules or ions, with one or more solvent molecules bound to each solute particle.

**Solution - definition of solution by The Free Dictionary**

Aqueous solution definition: An aqueous solution is any solution in which water ( $H_2O$ ) is the solvent.. In a chemical equation, the symbol (aq) follows a species name to indicate it is in aqueous solution. For example, dissolving salt in water has the chemical reaction:

**Aqueous Solution Definition in Chemistry - ThoughtCo**

When talking about solutions, there are three words used to compare one solution to another. These words are hypotonic, isotonic, and hypertonic. Hypotonic means a lower concentration of solute (dissolved substance) compared to another solution, i...

**What does 'isotonic' mean in biology? What are some ...**

Buffer systems play important roles in nature and in laboratory settings. In nature, they offer protection to living organisms, while in labs they're used to create an environment with a stable pH. By definition, a buffer system is a solution that...

**What is the definition of buffer in biology? - Quora**

What Is a Homogeneous Solution? A homogeneous solution is a mixture of two or more components that have a uniform appearance and composition. Carbonated water, vodka and saline are all examples of homogeneous solutions.

**What Is a Homogeneous Solution? | Reference.com**

First, it may be considered an isotonic solution, meaning it has an equal amount of solute and water when compared to another solution. Second, it may be considered a hypertonic solution, meaning it has more solute and less water than another solution. Third, it may be considered a hypotonic solution,...

**Hypotonic Solution: Definition, Example & Diagram - Video ...**

A solution is isotonic when its effective osmole concentration is the same as that of another solution. In biology, the solutions on either side of a cell membrane are isotonic if the concentration of solutes outside the cell is equal to the concentration of solutes inside the cell.

**Tonicity - Wikipedia**

An example of a hypertonic solution is the interior of a red blood cell compared with the solute concentration of fresh water. When two solutions are in contact, solute or solvent moves until the solutions reach equilibrium and become isotonic with respect to each other.

**What Is a Hypertonic Solution? - ThoughtCo**

AP Biology Chapter 3 study guide by hrahman includes 39 questions covering vocabulary, terms and more. Quizlet flashcards, activities and games help you improve your grades.

**AP Biology Chapter 3 Flashcards | Quizlet**

Biology is the natural science that studies life and living organisms, including their physical structure, chemical processes, molecular interactions, physiological mechanisms, development and evolution. Despite the complexity of the science, there are certain unifying concepts that consolidate it into a single, coherent field.

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