

Definition Of Hypertonic Solution

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Definition Of Hypertonic Solution

hypertonic solution is a particular type of solution that has a greater concentration of solutes on the outside of a cell when compared with the inside of a cell.

Hypertonic Solution Examples

A hypertonic solution has a greater concentration of solutes than another solution. In biology, the tonicity of a solution usually refers to its solute concentration relative to that of another solution on the opposite side of a cell membrane; a solution outside of a cell is called hypertonic if it has a greater concentration of solutes than the cytosol inside the cell.

Tonicity - Wikipedia

Tonicity Definition. Tonicity is the concentration of a solution as compared to another solution. Concentration describes the amount of solutes dissolved by a solution. If a solution has a higher concentration of solutes (less water) than another it is said to be hypertonic. A hypotonic solution has a lower concentration of solutes and more water than another solution.

Tonicity - Definition and Quiz | Biology Dictionary

Hypotonic Solution Definition. A hypotonic solution is a solution that has a lower solute concentration compared to another solution. A solution cannot be hypotonic, isotonic or hypertonic without a solution for comparison. Hypotonic is a description of the solute content of one solution in relation to another solution.

Hypotonic Solution - Definition and Examples | Biology ...

Osmosis (/ ɒ z ' m əʊ. s ɪ s /) is the spontaneous net movement of solvent molecules through a selectively permeable membrane into a region of higher solute concentration, in the direction that tends to equalize the solute concentrations on the two sides. It may also be used to describe a physical process in which any solvent moves across a selectively permeable membrane (permeable to the ...

Osmosis - Wikipedia

Hypertonic dehydration occurs when there is an imbalance of water and salt in your body, with too much salt and not enough water. It's most common in infants, older adults, and those who are ...

Hypertonic Dehydration: Symptoms, Causes, Treatment ...

A hypotonic solution is any solution that has a lower osmotic pressure than another solution. In the biological fields, this generally refers to a solution that has less solute and more water than ...

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

Peripheral parenteral nutrition feedings usually supplement enteral feedings. Large amounts of nutrients cannot be supplied via a peripheral vein, because these relatively small veins cannot tolerate the rush of fluid into the vein that occurs when a hypertonic solution is introduced into the circulatory system. ...

Parenteral Nutrition Tutorial | PPN vs CPN | Hypertonic ...

Memorizing the definition of hypertonic, hypotonic, and isotonic solutions is not necessary when you understand the root words that make up these descriptive words.

Difference between Hypertonic, Hypotonic, Isotonic ...

solution - Traduzione del vocabolo e dei suoi composti, e discussioni del forum.

solution - Dizionario inglese-italiano WordReference

Physiology.. noting or pertaining to a solution containing the same salt concentration as mammalian blood. noting or pertaining to a muscular contraction in which constant tension continues while the length of the muscle decreases, as during mechanical work.

Isotonic | Definition of Isotonic at Dictionary.com

Hypertonic Solution. When a cell is placed in a hypertonic solution (in a relation to the cell), there will be a higher concentration of solute outside of the cell, so water will diffuse away from the cell, towards the hypertonic solution, in order to balance the solvent concentrations.

What is Osmosis: Definition, Diagram, Examples and Explanation

of or relating to a method of abortion involving injection of hypertonic saline solution into the amniotic cavity during the second trimester.

Saline | Definition of Saline at Dictionary.com

INTRODUCTION AND DEFINITION. Traumatic brain injury (TBI) is a leading cause of death and disability. In 2013, there were approximately 2.5 million emergency department (ED) visits, 282,000 hospitalizations, and 56,000 deaths related to TBI in the United States [].Many survivors live with significant disabilities, resulting in major socioeconomic burden as well.

UpToDate

A tone is the kind of sound you hear in a musical note, or in a person's voice live or in writing. A newspaper article should be objective, but a poem can bring up all kinds of emotions, depending on the tone.

tone - Dictionary Definition : Vocabulary.com

If a plant cell is placed in a solution that contains the same amount of solutes as inside the cell, this is called an isotonic solution. Water neither rushes in or out of the cell because the ...

Turgor Pressure in Plants: Definition & Overview - Video ...

osmolality [oz"mo-lal"ĩ-te] the concentration of a solution in terms of osmoles of solutes per kilogram of solvent. serum osmolality a measure of the number of dissolved particles per unit of water in serum. In a solution, the fewer the particles of solute in proportion to the number of units of water (solvent), the less concentrated the solution. A ...

Osmolality | definition of osmolality by Medical dictionary

Hypotonic definition is - having deficient tone or tension. How to use hypotonic in a sentence.

Hypotonic | Definition of Hypotonic by Merriam-Webster

Chemical Laws, Concepts, and Principles. Explore the major theories, laws, and principles of chemistry, and learn how to apply them.

Chemical Laws, Concepts, and Principles - ThoughtCo

WARNINGS Dehydration. Administration of hypertonic Gastrografin solutions may lead to hypovolemia and hypotension due to fluid loss from the intestine. A 1 in 4.6 (1:4.6) dilution of Gastrografin yields an approximately isotonic 16.5 percent diatrizoate salts solution; less dilute solutions are hypertonic and may lead to intraluminal movement of fluid with resulting hypovolemia.

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