

**CONCEPTION TECHNOLOGIES**  
**ENHANCE PHOSPHATE BUFFERED SALINE**  
**Without Calcium, Magnesium, Glucose, Pyruvate and Phenol Red (PBSW)**

Catalog # PBS-WO-500 (500mL)  
FOR LABORATORY PROCEDURES ONLY  
Other uses must be qualified by the end user

**INTENDED USE**

Phosphate Buffered Saline with added calcium, magnesium, glucose, pyruvate and phenol red (PBSW), was derived from solutions developed originally for the transport of reproductive and other tissues (eg, see Moor & Trounson, J Reprod Fertil 49:101, 1977). PBSW has been used with mammalian gametes and embryos in *in vitro* procedures requiring the use of an isotonic solution with buffering capacity and energy substrates.

**COMPONENTS**

Sodium Chloride  
Potassium Chloride  
Potassium Phosphate, monobasic, anhydrous  
Sodium phosphate, dibasic, anhydrous

**STORAGE INSTRUCTIONS AND STABILITY**

Store unopened containers refrigerated at 2°C to 8°C. Warm to incubator temperature (37°C) prior to use. Do not freeze or expose to temperatures greater than 39°C. The product is stable until the expiration date shown on the label.

**DIRECTIONS FOR USE**

This solution is suggested for use in procedures requiring an isotonic, buffered solution of ions commonly found in physiological solutions. Some examples of such use in ART laboratories include cryopreservation of gametes and embryos after the addition of appropriate cryopreservative agent(s).

**Each laboratory should make its own determination of suitability for use in each particular procedure.**

**PRECAUTIONS AND WARNINGS**

Do not use any bottle of PBS showing evidence of particulate matter or cloudiness. To avoid problems with contamination, practice aseptic technique and discard minimal amounts of excess PBS remaining in the bottle.

**RELATED PRODUCTS**

Also available as:

PBS-WC            PBS with Calcium, Magnesium, Glucose, Pyruvate and without Phenol Red.  
PBS-W            PBS with Calcium, Magnesium, Glucose, Pyruvate, Phenol Red

Conception Technologies has a full line of products for the Reproductive Medical Specialist. Please call or write for specific information or to receive a copy of our current price list. For technical questions, or to reach our Customer Service Department:



**CONCEPTION  
TECHNOLOGIES**

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