



Phosphate Buffered Saline (PBS) with Calcium, Magnesium, Glucose, Pyruvate and Phenol Red

For laboratory procedures only; other uses must be qualified by the end user.

Product Description	REF Number	Unit Size
Phosphate Buffered Saline w/Phenol Red	ART-4012	500 mL

INTENDED USE

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

COMPONENTS

Sodium chloride
Potassium chloride
Potassium phosphate, monobasic, anhydrous
Sodium phosphate, dibasic, anhydrous
Magnesium Chloride
Glucose
Sodium Pyruvate
Calcium chloride
Phenol red

STORAGE INSTRUCTIONS AND STABILITY

Store unopened containers refrigerated at 2°C to 8°C. Warm to incubator (37°C) temperature prior to use. Do not freeze or expose to temperatures greater than 40°C. The product is stable until the expiration date shown on the label or within 30 days of the Date of First Use provided that proper aseptic procedures have been observed by the user.

- Remove desired volume of product using aseptic procedures.
- Once product has been removed from the original container, reseal the container to ensure a tight seal. Write the date the product was first opened on the product label. Do not use product longer than 30 days after opening the container.
- Once removed, do not return any volume of product to the original container.
- Once the product has been opened, store the sealed container at 2°C to 8°C.
- Do not use if the product becomes discolored, cloudy, turbid, or shows any evidence of microbial contamination.

One-cell MEA tested and passed with 80% or greater blastocyst. USP Endotoxin gel clot tested and passed with <1 EU/mL.

A Certificate of Analysis is available for this product.

DIRECTIONS FOR USE

This solution is suggested for use in procedures that may benefit from the use of an isotonic, buffered solution of ions commonly found in physiological solutions.

Each laboratory should make its own determination of which medium to use for each particular procedure.

Information on specific aspects of IVF, embryo culture, and cryopreservation is available in our Product Catalog (REF #80572).

PRECAUTIONS AND WARNINGS

Do not use medium that shows evidence of particulate matter or cloudiness.

To avoid problems with contamination, practice aseptic technique and discard minimal amounts of excess product remaining in the bottle.

Caution: Federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

RELATED PRODUCTS

SAGE Assisted Reproduction Products™ has a full line of products for the Reproductive Medicine Specialist. Please call or write for specific information or to receive a copy of our current catalog. For technical questions, or to reach our Customer Service Department, call the SAGE Support Line at the number below.

Patrick Quinn, PhD, HCLD, SAGE IVF, Inc.

Call the **SAGE SUPPORT LINE** at:
1-800-243-2974 or 1-203-601-5200

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See Instructions for Use

Batch number

Use By (year, month, day)

2°C - 8°C Temperature limitation

Membrane Filtered (SAL 10⁻³)

Authorized Representative in European Community

Catalog number



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