



## QUINN'S® Sperm Washing Medium

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

Product Description	REF Number	Unit Size
QUINN'S® Sperm Washing Medium	ART-1005	12 x 12 mL
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### INTENDED USE

QUINN'S® Sperm Washing Medium was specifically developed for in vitro procedures involving sperm washing and incubation (*Seminars Reprod Endocrinol.* 1987;5:23). This medium is a modification of HEPES-buffered Human Tubal Fluid (HTF) that was first described by Quinn and colleagues (*Fertil Steril.* 1984;41:202, 1985;44:493).

### COMPONENTS

Sodium chloride  
Potassium chloride  
Magnesium sulfate  
Potassium phosphate, anhydrous  
Calcium chloride  
Sodium bicarbonate  
HEPES  
Glucose  
Sodium pyruvate  
Sodium lactate (DL)  
Taurine  
Alanlyl-glutamine  
EDTA  
Gentamicin  
Phenol red  
Human serum albumin, 5 mg/mL

### STORAGE INSTRUCTIONS AND STABILITY

Store unopened containers refrigerated at 2°C to 8°C. Warm to ambient or incubator (37°C) temperature 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 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

Information on sperm processing procedures for intrauterine insemination (IUI) can be obtained by contacting the SAGE Support Line. QUINN'S® Sperm Washing Medium can be used with the PureCeption™ line of sperm separation products.

### BUFFER SYSTEM

QUINN'S® Sperm Washing Medium uses a buffering system composed of a 21-mM HEPES (N-2-Hydroxyethylpiperazine-N<sup>1</sup>-2-ethanesulfonic acid) and 4-mM sodium bicarbonate combination. This buffering system provides optimum pH maintenance over the physiologic range (7.2 to 7.4) and does not require the use of a CO<sub>2</sub> incubator.

### PRECAUTIONS AND WARNINGS

Do not use medium that shows evidence of particulate matter, cloudiness, or is not rose colored.

QUINN'S® Sperm Washing Medium should be tightly capped when used in a CO<sub>2</sub> incubator to avoid pH levels of 7.0 or less.

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

This product contains albumin, a derivative of human blood. All donors used in its manufacture were individually tested and found to be nonreactive for hepatitis B surface antigen (HBsAg) and antibodies to hepatitis C virus (HCV) and human immunodeficiency virus (HIV) by approved testing methods. Donors of the source material have been screened for Creutzfeldt-Jakob disease (CJD). Based on effective donor screening and product manufacturing processes, it carries an extremely remote risk for transmission of viral diseases. A theoretical risk for transmission of CJD is also considered extremely remote. No cases of transmission of viral diseases or CJD have ever been identified for albumin.

**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.

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**Patrick Quinn, PhD, HCLD, SAGE IVE, Inc.**

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



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