

**CONCEPTION TECHNOLOGIES**  
**ENHANCE HTF MEDIUM**  
Catalog # EH-100 (100mL)  
FOR *IN VITRO* FERTILIZATION PROCEDURES

**INTENDED USE**

Enhance HTF Medium was developed for *in vitro* procedures involving the culture of early cleavage stage mammalian embryos (J Assisted Reprod Genet 12: 97, 1995). This medium is a modification of Human Tubal Fluid (HTF) that was first described by Quinn and coworkers (Fertil Steril 41:202, 1984; 44:493, 1985). Modifications to the original formulation include low-phosphate and the addition of EDTA as an antioxidant and glutamine as an auxiliary energy and fixed-nitrogen source.

**COMPONENTS**

Sodium Chloride	Sodium Pyruvate
Potassium Chloride	Sodium Lactate (DL)
Magnesium Sulfate	Alanyl-Glutamine
Potassium Phosphate	EDTA
Calcium Chloride	Gentamicin
Sodium Bicarbonate	Phenol Red
Glucose	

**STORAGE INSTRUCTIONS AND STABILITY**

Store unopened containers refrigerated at 2° to 8°C. Warm to incubator (37°C) temperature and equilibrate with desired atmosphere containing 5-6% CO<sub>2</sub> prior to use. Do not freeze or expose to temperatures greater than 39°C. It is advisable to regas the medium with 5% CO<sub>2</sub> before placing opened bottles back in the refrigerator. The product is stable until the expiration date shown on the box and bottle labels.

**DIRECTIONS FOR USE**

This is the preferred medium for fertilization procedures *in vitro*. Some laboratories also use it for culture of fertilized embryos. We currently recommend use of Enhance Day 1 HTF Medium (Catalog # ED1-100) for culture of embryos from Day 1 until Morula Stage, (Day 3 or 4), and Enhance Day 3 HTF Medium (Catalog # ED3-100) or Enhance Day 5 HTF Medium (Catalog ED5-100) for culture after Day 3. The media should be supplemented with an exogenous protein source such as Human Serum Albumin (Catalog # EHSA).

**PRECAUTIONS AND WARNINGS**

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

**RELATED PRODUCTS**

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  
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