

CONCEPTION TECHNOLOGIES
ENHANCE DAY 3 HTF MEDIUM
Catalog # ED3-100 (100mL)
FOR *IN VITRO* FERTILIZATION PROCEDURES

INTENDED USE

Enhance Day 3 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 the omission of phosphate and the addition of EDTA, stabilized glutamine, Taurine and Glutathione.

COMPONENTS

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

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% CO₂ prior to use. Do not freeze or expose to temperatures greater than 39°C. It is advisable to regas the medium with 5% CO₂ 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 culture of embryos for Day 3 transfers or for Blastocyst culture. Some laboratories also use it for fertilization and culture from Day 1. We currently recommend the use of Enhance HTF medium (Catalog # EH-100) for fertilization and Enhance Day 1 medium (Catalog # ED1-100) for culture of embryos from Day 1 until Morula stage Day 3 or 4. 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.



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858.824.0888/888.995.8081
6835 Flanders Drive, Ste 500
San Diego, CA 92121
www.conceptiontechnologies.com