

CONCEPTION TECHNOLOGIES
ENHANCE DAY 5 HTF MEDIUM
Catalog # ED5-100 (100mL)
FOR *IN VITRO* FERTILIZATION PROCEDURES

INTENDED USE

Enhance Day 5 HTF Medium was developed for *in vitro* procedures involving the culture of mammalian embryos to blastocyst. This medium is a modification of Human Tubal Fluid (HTF) that was first described by Quinn and coworkers (Fertility & Sterility 41:202, 1984; 44:493, 1985). Enhance Day 5 media is formulated with stabilized glutamine, Glutathione, elevated glucose, essential and non-essential amino acids and MEM vitamin mix. Enhance Day 5 media contains no phosphate, no EDTA, and no Taurine.

COMPONENTS

Sodium Chloride	Sodium Lactate (DL)
Potassium Chloride	Alanyl-Glutamine
Magnesium Sulfate	Glutathione
Calcium Chloride	Gentamicin
Sodium Bicarbonate	Phenol Red
Glucose	MEM Vitamin Mix
Sodium Pyruvate	Non-Essential Amino Acids
Essential Amino Acids	

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 to blastocyst and day 5 embryo transfers. We currently recommend the use of Enhance HTF medium (Catalog # EH-100) for fertilization and Enhance Day 1 HTF 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. For technical questions, or to reach our Customer Service Department:



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