



Quinn's Advantage™ Medium with HEPES

A protein-free medium for *in vitro* manipulation
of gametes and embryos outside CO₂ incubators



Quinn's Advantage™ Medium with HEPES

Quinn's Advantage Medium with HEPES is for *in vitro* procedures involving manipulation of gametes and embryos that do not require the use of a CO₂ incubator. Procedures include oocyte recovery, gamete washing, micromanipulation, embryo transfer and cryopreservation.

The medium should be supplemented with protein.

- A HEPES buffered medium for use outside a CO₂ incubator
- Provides a parallel environment to the female reproductive system, for both gametes and embryos, during procedures involving micromanipulation
- The formulation includes low phosphate and the addition of citrate, EDTA, and a selection of non-essential amino acids including; taurine, alanyl-glutamine as a stable source of glutamine, increased levels of magnesium and the presence of lactate in the form of calcium lactate.

Product Specifications

- HEPES
- Phenol red
- Osmolality (mOsm/kg): 257 – 273
- Mouse embryo assay (MEA): >80%
- Endotoxin: <1 EU/mL
- Protein free – supplementation needed
- Shelf life is 12 months from date of manufacture, single use after opening

Components

- Physiological salts
- HEPES
- Bicarbonate
- Energy substrates
- Amino acids
- Gentamicin
- EDTA
- Phenol red



Ordering Information

Product Code	Product Name	Volume (mL)
ART-1023	Quinn's Advantage Medium with HEPES	100
ART-1024	Quinn's Advantage Medium with HEPES	500