



ORIGIO® CULTURE MEDIA

# Quinn's Advantage™ Medium with HEPES

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A protein-free medium for *in vitro* manipulation  
of gametes and embryos outside CO<sub>2</sub> incubators



**CooperSurgical**  
Fertility and Genomic Solutions

# 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 CO<sub>2</sub> 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 CO<sub>2</sub> 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