

ORIGIO® Sequential Series

The optimized culture media series for sequential culture



ORIGIO® Sequential Series

Developed and driven by evidence-based research, the ORIGIO Sequential Series helps support development as the embryo goes through its changing metabolic and physiological phases.

ORIGIO® Sequential Fert™ Medium

For the fertilization of human oocytes.

- Supporting sperm metabolism and motility using both glucose and pyruvate as energy sources
- Antioxidants used to counterbalance the effects of reactive oxygen species
- Amino acids to support oocyte physiology and function

ORIGIO® Sequential Cleav™ Medium

For the culture of embryos until the 2-8 cell stage, and can be used for embryo transfer.

- Supporting the cleavage stage embryo using pyruvate as the key energy substrate
- Inclusion of vitamins to reduce stress during early embryo development
- Essential and non-essential amino acids for precompaction development

ORIGIO® Sequential Blast™ Medium

For the culture of embryos from the 4-8 cell stage to the blastocyst stage, and can be used for embryo transfer.

- A medium supporting glycolysis to promote blastocyst development
- Essential and non-essential amino acids for cellular vitality
- Hyaluronan to promote cryosurvivability and embryo implantation

Product Specifications

- Recommended pH (6% CO₂*):
Fert 7.35 / Cleav 7.2 / Blast 7.3
- Osmolality (mOsm/kg):
Fert 272 – 293 / Cleav 272 – 288 / Blast 272 – 288
- HSA: 5 mg/ml
- Mouse embryo assay (MEA): >80% (BL Rate/ 1-cell)
- Endotoxin: ≤ 0.1 EU/mL
- Shelf life is 26 weeks from date of manufacture.
Shelf life after opening is seven days
- Ready to use

Components

- Physiological salts
- Energy substrates
- Non-essential amino acids
- Essential amino acids
- Sodium hyaluronate
- Vitamins and antioxidants
- EDTA
- Gentamicin sulfate
- HSA
- Phenol Red



Product Code	Product Name	Volume (mL)	Article Description
83010010	ORIGIO Sequential Fert	10	Without phenol red
83010060	ORIGIO Sequential Fert	60	Without phenol red
83020010	ORIGIO Sequential Fert	10	With phenol red
83020060	ORIGIO Sequential Fert	60	With phenol red
83030010	ORIGIO Sequential Cleav	10	Without phenol red
83030060	ORIGIO Sequential Cleav	60	Without phenol red
83040010	ORIGIO Sequential Cleav	10	With phenol red
83040060	ORIGIO Sequential Cleav	60	With phenol red
83050010	ORIGIO Sequential Blast	10	Without phenol red
83050060	ORIGIO Sequential Blast	60	Without phenol red

* At sea level

