SAGE™ Vitrification Solutions

- DMSO based vitrification media solution
- MOPS buffered formulation of HTF Medium uses proven formulation strategies consistent with Quinn’s Advantage™ Series of ART products¹
- Blastocyst survival rates of 96% with vitrification vs. 91% for slow freezing²
SAGE Vitrification Solutions

Product Overview

SAGE vitrification solutions enable ultra-rapid cooling and recovery of human blastocysts, which eliminates ice crystal formation, resulting in increased human blastocysts survival rates. Our vitrification solutions increase fertility options for women undergoing various treatments.

Quality Assurance Tests

- Endotoxin
- Biocompatibility by one-cell mouse embryo assay (MEA)
- Sterility by the current USP <71> Sterility Test

Ordering information

SAGE Vitrification Kit

The Vitrification Kit is intended for the ultra-rapid vitrification of human blastocysts in ART procedures. This kit is designed to be used in conjunction with the SAGE IVF Vitrification Warming Kit for warming and recovery of blastocysts.

- Equilibration Solution ART-8025/ART-8026 is MOPS buffered solution of modified HTF containing non-essential and essential amino acids, gentamicin sulfate (0.01 g/L), 7.5% (v/v) each of DMSO and ethylene glycol and 12 mg/mL human albumin.
- Vitrification Solution ART-8025/ART-8026 is a MOPS buffered solution of modified HTF containing non-essential amino acids, gentamicin sulfate (0.01 g/L), 15% (v/v) each of DMSO and ethylene glycol, 12 mg/mL human albumin, and 0.6 M sucrose.

SAGE Vitrification Warming Kit

Vitrification Warming Kit is intended for the recovery of human blastocysts that have been vitrified using the SAGE IVF Vitrification Kit:

- 1.0 M Sucrose Warming Solution (ART-8030A/ART-8031A) is a MOPS buffered solution of modified HTF containing non-essential and essential amino acids, gentamicin sulfate (0.01 g/L), 1.0 M sucrose and 12 mg/mL human albumin.
- 0.5 M Sucrose Warming Solution (ART-8030B/ART-8031B) is a MOPS buffered solution of modified HTF containing non-essential and essential amino acids, gentamicin sulfate (0.01 g/L), 0.5 M sucrose and 12 mg/mL human albumin.
- MOPS Solution (ART-8030C/ART-8031C) is a MOPS buffered solution of modified HTF containing non-essential and essential amino acids, gentamicin sulfate (0.01 g/L) and 12 mg/mL human albumin.


*not cleared for oocytes in the USA (Limited studies are available in the literature describing vitrification of oocytes. The decision to use product for vitrification of oocytes is dependent on the individual IVF center’s review of the literature as to safety and efficacy for this indication as well as governmental restriction.

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