Vitrification

A full range of vitrification products

Maximize efficiency using minimal storage space with our vitrification kits and VitriGuard™

VitriGuard
Now available in packs of 5 and 8 colors

ORIGIO • SAGE • Humagen • TPC • K-Systems • RI • Wallace • LifeGlobal • CooperGenomics
Successful vitrification requires an efficient vitrification carrier. VitriGuard, is a carrier designed to maximize efficiency and flexibility – both in shape and function. The innovative hexagonal shape allows tighter packaging during storage, increasing storage efficiency by up to 50% compared with other popular carriers.

The loading area is curved for easy loading and the protection of specimens. All parts are made from the same material, making VitriGuard robust and ensuring a perfect fit between handle and cap during assembly and storage.

**Benefits**

- Fits all media systems and can be used for 4-8 cell embryos to blastocysts
- Hexagonal shape for optimal storage efficiency
- Visual markings to ensure correct orientation
- Curved loading area for easy loading and specimen protection
- Flexible handling, available in eight colors

*Compared to popular carriers commercially available*
Vitrification is now the preferred choice for cryopreservation of human oocytes, zygotes, embryos, and blastocysts. Clinical outcomes obtained from vitrification normally exceed those from slow freezing – and reports of comparable pregnancy and implantation rates from fresh and vitrified cases are becoming more frequent. In addition, vitrification provides the possibility to stop at any time in the process if conditions are less than perfect.

ORIGIO® and SAGE® vitrification kits offer maximum efficiency and flexibility to meet most preferences.

**Documented efficiency**

**For human oocytes, zygotes, embryos and blastocysts**

- 97% blastocyst survival (Shu et al., 2009)
- 94% MII oocyte survival rate (Selman et al., 2010)

**For human embryos**

- 94% embryo survival (Bern et al., 2011)

**Benefits**

- Ready to use media with or without DMSO
- Fits all carriers
- Simple user friendly protocols
Our range of media products

**DMSO**

<table>
<thead>
<tr>
<th>SAGE Vitrification Kits (ART-8025)</th>
<th>DMSO FREE</th>
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</thead>
<tbody>
<tr>
<td>1x 2 ml Equilibration Solution</td>
<td>2x 1 ml Equilibration Medium</td>
</tr>
<tr>
<td>1x 2 ml Vitrification Solution</td>
<td>2x 1 ml Vitrification Medium</td>
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<table>
<thead>
<tr>
<th>SAGE Warming Kits (ART-8030)</th>
<th>Medicult Vitrification Cooling (12284001)</th>
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<tbody>
<tr>
<td>1x 4 ml 1M Sucrose WS</td>
<td>1x 2 ml Warming Medium (1M Sucrose)</td>
</tr>
<tr>
<td>1x 2 ml 0.5M Sucrose WS</td>
<td>1x 2 ml Dilution 1 Medium (0.5M Sucrose)</td>
</tr>
<tr>
<td>1x 6 ml MOPS Solution</td>
<td>1x 2 ml Dilution 2 Medium (0.25M Sucrose)</td>
</tr>
<tr>
<td>2x 2 ml 1M Sucrose WS</td>
<td>2x 2 ml Washing Medium</td>
</tr>
<tr>
<td>2x 2 ml 0.5M Sucrose WS</td>
<td></td>
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<tr>
<td>2x 2 ml MOPS Solution</td>
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**VitriGuard**

**Vitrification carrier**

*Individually wrapped (20 per box)*

Clear (43782001) • Blue (43792001) • Green (43802001) • Yellow (43812001)
Lime (43822001) • Purple (43842001) • Orange (43852001) • Pink (43862001)

*Packs of 5 (10 pouches per box)*

Clear (43785005) • Blue (43795005) • Green (43805005) • Yellow (43815005)
Lime (43825005) • Purple (43845005) • Orange (43855005) • Pink (43865005)

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