

# BlastAssist<sup>®</sup>

Dedicated medium for blastocyst culture

- Full, rich stage 2 medium for extended culture
- Documented low ammonium and high blastocyst development
- New formulation in 2010



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## BlastAssist®

For flexible decisions on blastocyst culture

BlastAssist® is a new, high-performance medium for blastocyst culture. BlastAssist® is based on decades of medium development experience and expertise; it is redeveloped from the renowned BlastAssist® System, which through the past decade has proven a highly successful blastocyst culture system.

### Combine

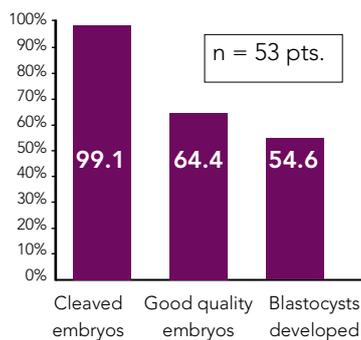
The new BlastAssist® is an advanced, rich medium formulated for use after an early cleavage-stage medium, specifically to support growth and development during & after the onset of genomic activation.

BlastAssist® has already proven successful as a combination medium with various cleavage-stage media, e.g. ISM1™ and EmbryoAssist™.

This allows full flexibility in combining BlastAssist® with your preferred cleavage medium.

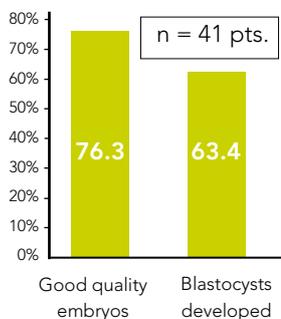
The separate packaging allows full flexibility for both routine and occasional blastocyst culture.

### BlastAssist® in combination w/ ISM1™



Hanabusa 2009 (unpublished)

### BlastAssist® in combination w/ EmbryoAssist™



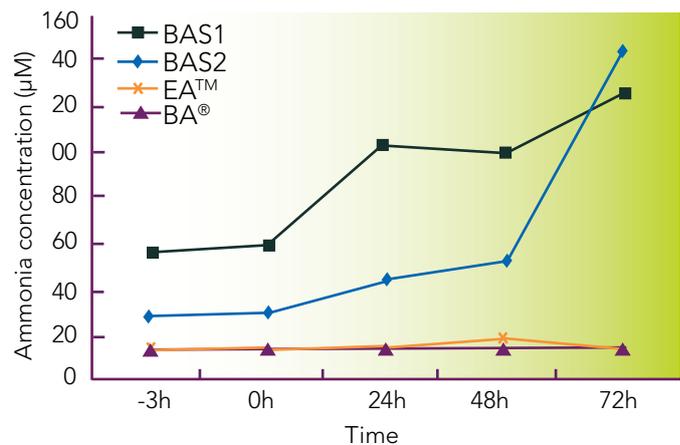
Hashimoto et al. 2009 J. Reprod. Dev. 54(5)

The above charts show blastocyst development in two different clinics using BlastAssist® combined with ISM1™ or EmbryoAssist™, respectively.

### Stability

Glutamine is a crucial component of IVF media. However, spontaneous breakdown of standard glutamine during culture and storage produces ammonium, affecting both performance and shelf-life of the medium.

BlastAssist® contains a stable glutamine source which does not produce ammonium, thus greatly improving the stability of the medium.



Level of ammonium buildup at 37°C in EmbryoAssist™ and BlastAssist® vs. the original BlastAssist® System

Hashimoto et al 2008

### Quality control testing

- Sterility
- pH
- Osmolality
- Endotoxin
- Mouse Embryo Assay (MEA)

Note: The results from each batch are stated on a Certificate of Analysis, which is available on [www.origio.com](http://www.origio.com).

### Catalogue no.

1215 0010 w/o Phenol Red 10 ml  
1216 0010 with Phenol Red 10 ml

The products are supplemented with a comprehensive package insert.

### Contact

Please visit [www.origio.com](http://www.origio.com) to find your local ORIGIO MediCult Media distributor or contact ORIGIO directly at the address listed below.