

# EmbryoAssist™

Improved performance and flexibility

- Advanced stage 1 medium for early culture
- Specifically designed for pre-compaction embryos
- New formulation in 2010



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## EmbryoAssist™

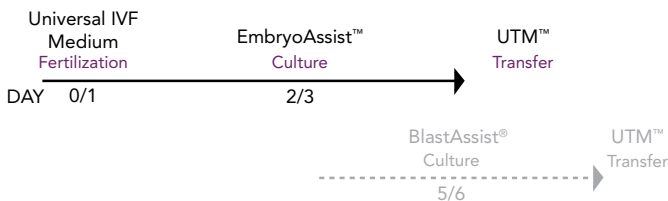
### Improved performance and flexibility

EmbryoAssist™ is a sophisticated medium for cleavage-stage (D2/D3) culture containing nutrients, antioxidants, vitamins, and amino acids.

#### Stable glutamine

Glutamine is a crucial component of IVF media. However, spontaneous breakdown of standard glutamine during culture and storage produces ammonium, affecting both shelf-life and performance of the medium. EmbryoAssist™ contains a stable glutamine source which does not produce ammonium.

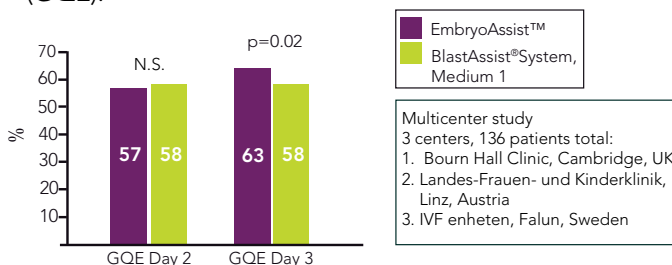
EmbryoAssist™, together with BlastAssist® (prod no. 1215/1216), forms a flexible system for both cleavage-stage and blastocyst culture, ensuring greater stability and better clinical performance than the existing BlastAssist®System.



#### Clinical documentation

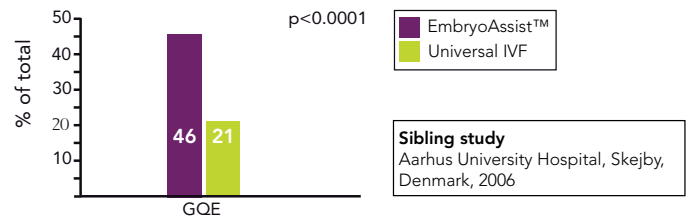
A multicenter sibling study (blinded, randomized) has assessed embryo development in EmbryoAssist™+BlastAssist® vs. the original BlastAssist®System.

While the study objective is blastocyst development, embryo quality assessment was performed on D2/D3. Results show an equal number of Good Quality Embryos (GQE).



GQE Day 2: ≥ 4cells, ≤20% fragmentation  
GQE Day 3: ≥ 6cells, ≤20% fragmentation

A previous sibling study (blinded, randomized) comparing EmbryoAssist™ to Universal IVF Medium in day 2 culture showed significantly more Good Quality Embryos in EmbryoAssist™.



These results confirm that EmbryoAssist™ allows easier selection of top quality embryos for single embryo transfer and for cryopreservation.

#### References:

Clinical Investigation Report: EmbryoAssist™ versus BlastAssist®System Medium 1, Jan-Oct 2006, Data on file.

#### Quality control testing

- Sterility tested
- pH tested
- Osmolality tested
- 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).

#### Catalog No.

- 1213 0010 w/o Phenol Red 10 ml
- 1213 0060 w/o Phenol Red 60 ml
- 1213 1010 w/o Phenol Red 10 x 10 ml
- 1213 5060 w/o Phenol Red 5 x 60 ml
- 1214 0010 with Phenol Red 10 ml
- 1214 0060 with Phenol Red 60 ml
- 1214 1010 with Phenol Red 10 x 10 ml
- 1214 5060 with Phenol Red 5 x 60 ml

#### Contact

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