

EmbryoGrid

IVF Dish

Optimized for IVF

Versatile

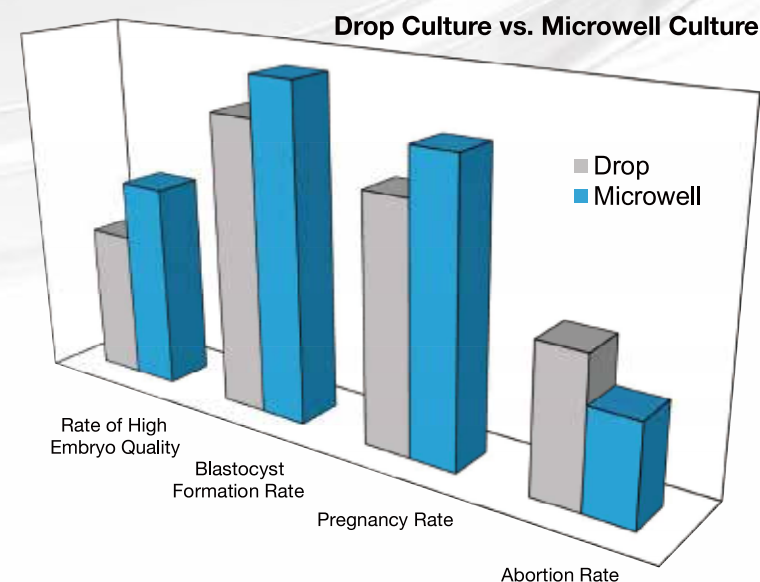
High Quality

EmbryoGrid by Astec is a thoughtfully designed IVF dish specifically tailored for today's IVF labs and procedures. Discover how EmbryoGrid's innovative features can help your lab maximize positive outcomes!

Proven Results

Clinical studies* show that culturing multiple embryos in microwells within a common well that share the same culture media results in measurable improvements when compared to conventional drop culturing techniques. Significant improvements were shown in:

- Rate of high embryo quality
- Blastocyst formation rate
- Pregnancy rate
- Abortion rate



Contact us to find out how EmbryoGrid can help maximize the effectiveness of your laboratory!

*Fukunaga, Asada Ladies Clinic, Japan Society for Ova Research, 2015
Tsuji, Asada Ladies Clinic, Society of Fertilization and Implantation, 2015

Estimated Medium Volume: 60~80µL for the center area, under 25µL for outer wells

Estimated Oil Volume: 3.0~4.5mL

*These are reference examples.



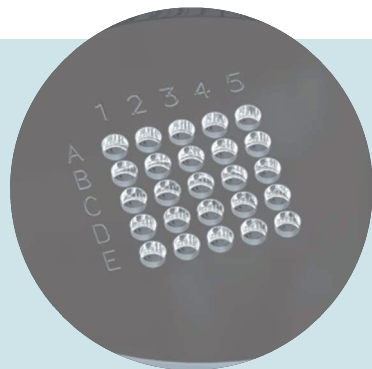
Optimized for IVF Procedures

The EmbryoGrid IVF dish incorporates many thoughtful features designed with the IVF procedures you perform in mind. This enables you to consistently achieve higher success rates, time after time.



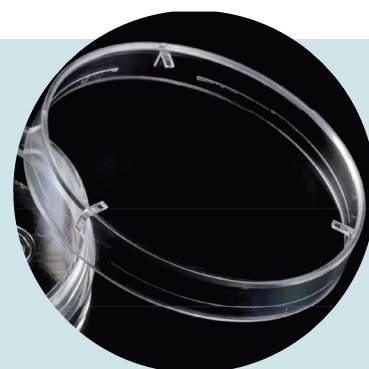
One IVF Dish for All Your Needs

EmbryoGrid combines six outer wells with a central grid of 25 microwells within a common well, resulting in a single IVF dish that provides the benefits of both wells and microwells. Whether you are performing procedures such as embryo washing and transferring that benefit from the space and visibility afforded by the outer wells, or want to take advantage of media sharing and embryo isolation made possible by the microwell grid, EmbryoGrid has you covered!



Central Grid of Microwells

A central grid of microwells allows a group of embryos to share the same culture media while still providing individual control over each embryo. The alpha-numeric labelling system facilitates easy and positive embryo identification.



Lid Optimized for Oil Overlay Culture

The EmbryoGrid lid features a unique post design that increases the space between the dish rim and the lid, improving CO₂ exchange. This minimizes the risk of the lid coming into contact with the oil, which can compromise gas exchange and lead to pH shift in the culture media. The lid height is also minimized, exposing more of the dish's vertical wall, improving handling.



A "Work Area" of Six Outer Wells

EmbryoGrid features six outer wells that can serve as a working area to perform tasks such as embryo washing and transferring.



Full Integration with iBIS Time-Lapse Monitoring

EmbryoGrid is specially designed to integrate seamlessly with Astec's iBIS Time-Lapse Incubator. When used in conjunction with the iBIS incubator, time-lapse images are automatically captured and filed for each embryo in the 25 microwells, making time-lapse data capture a breeze!