

# embryo corral<sup>®</sup> Dish

## ...The Only Choice For Group Culture

The embryo corral<sup>®</sup> is the only culture dish that allows group culture of embryos while allowing individual evaluation of each embryo. The "fence" of vertical posts in each central well prevents the embryos from passing from one quadrant to another, while still allowing exchange of culture media and embryo-derived autocrine and paracrine growth factors to among the embryos in the 4 quadrants of the 2 central wells, assisting embryo development.

The 8 outer wells have 'walls' to culture in a 'drop-less' society, media will not collapse. All 8 wells have the 'GPS' locator spot. The same ease in set-up, identification, observation and handling and safety.



Outer wells hold up to 50 µl of medium.

Each central well has 4 quadrants for grouping embryos and keeping specific identification. The 'GPS' system makes ease in locating, observation, handling and overall safety.

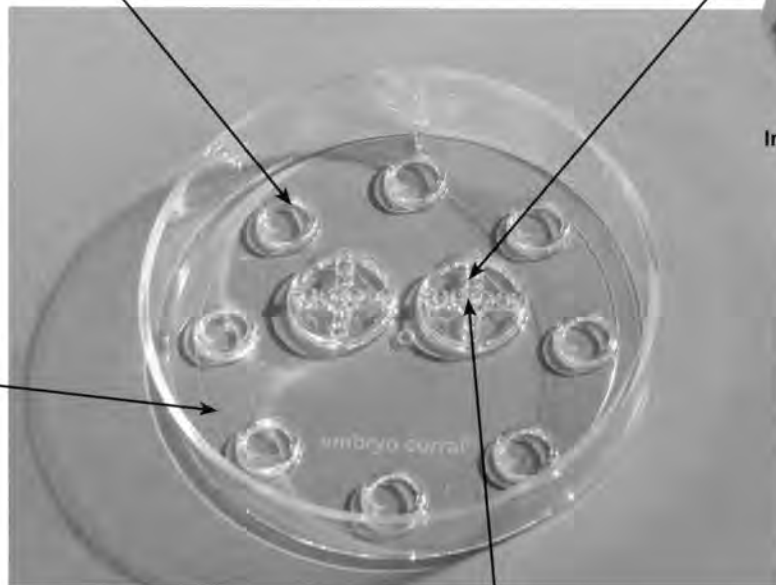


Inner wells hold up to 120 µl of medium and 30 µl per quadrant..

Safety comes with the 'GPS' system. Each embryo rests safely in each well. No more drops collapsing or mingling during transportation.

The wells provide uniform media volume and focal distance. The 'wells' make oil overlay much easier and faster.

The bottom: Thinner bottom for better heat exchange and space for patient identification.

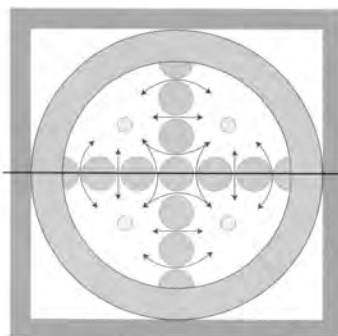
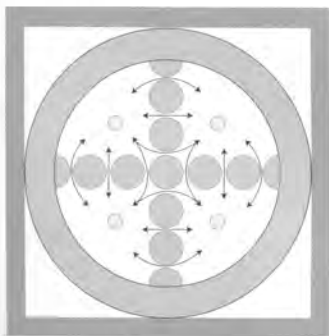


New lid design allows greater gas exchange with posts to prevent oil-induced sealing.

FDA 510(k) Cleared

ISO 13485:2003  
ISO 9001:2008

CE  
0086



Each batch is 1-cell Mouse Embryo Assay (MEA) and Limulus Amebocyte Lysate (LAL) tested by independent testing company. Each batch comes with Certificate of Analysis.

- Embryos are held in separate quadrants.
- Medium, with autocrine and paracrine factors, can circulate among the quadrants.

GPS<sup>®</sup> Dishware are made with tested non-toxic medical grade plastic manufactured by Nalge Nunc International exclusively for LifeGlobal<sup>®</sup>. Proven safe in IVF and ART culture.

The embryo corral<sup>®</sup> dish provides 16 exact locations (2 central wells with 4 quadrants each + 8 outer wells).

# $\mu$ Drop GPS<sup>®</sup> Dish

## Embryo Culture Dish

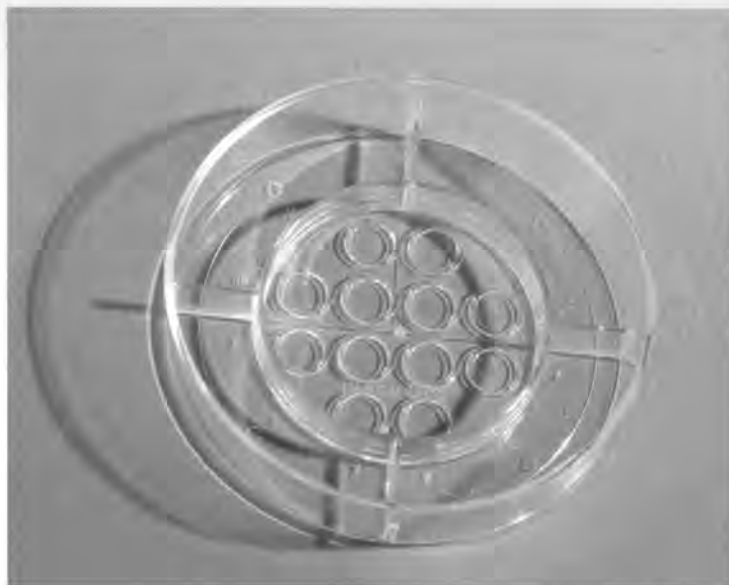
Safe, Effective and Easy-to-use

### New Design Features

- Precise 20  $\mu$ l micro-wells with GPS<sup>®</sup> feature for rapid location and visualization
- Enhanced optics
- Better orientation and identification
- EmbryoAddress<sup>™</sup> helps to quickly identify and track embryos
- 32 mm inner 'oil ring' for VOC protection
- Uses up to 75% less oil than a conventional 60 mm dish
- Improved safety (no droplet collapsing or mixing)
- Fill the outer wells with oil for better temperature stability out of the incubator
- Works well with both oil-overlay and oil-underlay methods
- Designed to ensure safe embryo culturing
- For use with both standard and mini incubators

### General Features of GPS<sup>®</sup> Dishware

- Improved safety (no droplet collapsing or mixing)
- Better pH control
- GPS<sup>®</sup> microwells protect against sudden movements
- Raised lid promotes gas exchange, prevents contamination, and stops oil seals from forming
- Non-toxic medical grade, non-pyrogenic polystyrene
- Better ergonomics than a 35 mm dish
- CE and ISO Registered, FDA 510(k) Cleared
- 1-cell MEA and < 0.03 LAL Tested



$\mu$ Drop GPS<sup>®</sup>

### New Breathable Packaging for all GPS<sup>®</sup> Dishware

- Reduces off-gassing time
- Less VOCs introduced into the laboratory
- Tested and validated to maintain sterility for the entire 5-year shelf life of the dish



Universal GPS<sup>®</sup>



embryo GPS<sup>®</sup>



embryo corral<sup>®</sup>

# embryo GPS® Dish

## - The best dish for PGD cases

The embryo GPS® dish gives you structured wells and observation enhancements that allow you to save time and effort and improves safety in handling embryos.

A 'drop-less' environment with designed wells, the 'GPS' location for embryos with the 'same' microscope focal distance. The GPS® Dishware line provides even and better temperature transition and distribution for a safe and consistent workplace for embryo and other sensitive tissue culture.

The 'GPS' location system provides you time savings and improved safety ...all the time.

The 8 outer wells have 'walls' to culture in a 'drop-less' environment; no more droplet collapsing. All 8 wells have the 'GPS' locator spot. Ease in set-up, identification, observation, handling and increased safety.

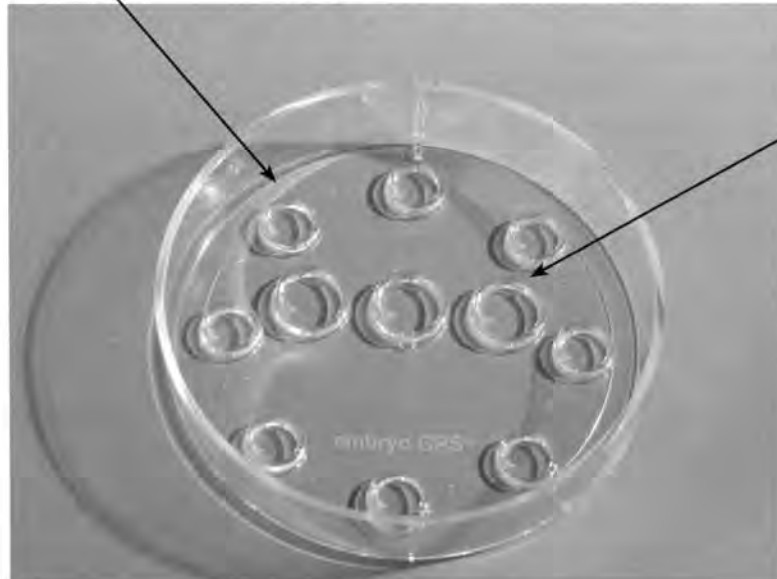


Outer wells hold up to 50 µl of medium.



Inner wells hold up to 100 µl of medium.

Safety comes with the 'GPS' system. Each embryo rests safely in each well. No more drops collapsing or mingling during transportation.



embryo GPS® dish has 3 large center wells for culturing, quick embryo locating and observation.

New lid design allows greater gas exchange with posts to prevent oil-induced sealing.

FDA 510(k) Cleared

ISO 13485:2003  
ISO 9001:2008



### GPS culture system

In the GPS culture dishes each embryo rests in an exact spot in each well and at the exact same focal distance.



Each embryo will be found at the exact location saving time and effort in locating and observing embryos.

Each batch is 1-cell Mouse Embryo Assay (MEA) and Limulus Amebocyte Lysate (LAL) tested by independent testing company. Each batch comes with Certificate of Analysis.

The bottom: Thinner bottom for better heat exchange and space for patient identification.

GPS® Dishware are made with tested non-toxic medical grade plastic manufactured by Nalge Nunc International exclusively for LifeGlobal®. Proven safe in IVF and ART culture.

The embryo GPS® dish provides 11 exact locations (3 central wells + 8 outer wells).

# Universal GPS® Dish

Larger wells provide increased flexibility and applications in the lab

The Universal GPS® dish gives you:

- Large wells for increased flexibility and applications in the lab including conventional fertilization, ICSI and micromanipulation.
- The Universal GPS® dish contains larger wells than the embryo GPS® for the use of larger volumes of medium.
- Concave center well bottoms for easier and faster embryo location and observation.
- Each dish has structured wells eliminating collapsing droplets and increasing safety.
- The bottom of each well has our unique GPS feature – the embryos are at the center of the well, and at the same focal distance.
- The 8 outer wells will each hold up to 100 µl of medium, and the 2 inner wells will each hold up to 150 µl.
- Thinner bottom for better and uniform heat exchange.
- Special lid to prevent dish sealing and subsequent increased pH.
- Non-toxic, medical grade, non-pyrogenic polystyrene.
- 1-cell MEA and endotoxin tested by independent company.
- FDA 510(k) Cleared and CE registered.
- ISO13485:2003 and ISO9001:2008.



## All GPS® Dishware

GPS® Dishware products are specifically designed, manufactured, tested and certified for IVF and other sensitive culture. All GPS® Dishware products have structured micro wells eliminating collapsing and mixing droplets with concave bottoms for easier and faster cell location. The GPS® Dishware line provides specific innovative designed dishes to be used for specific procedures to increase safety, improve culture performance, and reduce time of procedure.

All our dishes have self-contained wells with GPS which allows the use of defined measured amounts of medium and allows rapid identification of each specimen. Rapid identification means that the embryos can be returned to their controlled environment sooner.

The GPS® Dishware design gives you safety in a 'drop-less environment'. Its structured walls far surpass droplets for handling safety because there is no possibility of moving collapsing droplets. Its overall design lets you use any medium and to quickly apply the oil overlay.

All of our dishes give you a clearer, thinner dish bottom for better optics and more uniform temperature control.

Our specially designed lid prevents dish sealing and better CO<sub>2</sub> exchange.

We only use non-toxic, medical grade, non-pyrogenic polystyrene and all dishes pass strict 1-cell MEA, endotoxin and sterility testing by an independent company.

All dishes are FDA 510(k) Cleared and CE registered, and are manufactured by our ISO13485:2003 and ISO9001:2008 companies. Made in the USA.