

# A unique LG PGD Biopsy Medium formulation based on global<sup>®</sup> medium

LG PGD Biopsy Medium is ready-to-use and designed to maintain embryos during the biopsy procedure, allowing ease in removal of blastomeres.

LG PGD Biopsy Medium was designed along with the staff of Reprogenetics, led by Santiago Munné, in conjunction with our ongoing development of global<sup>®</sup> based on Simplex Optimization and the entire line of LifeGlobal media.

## LG PGD Biopsy Medium Advantages

- **LG PGD Biopsy Medium** is calcium- and magnesium-free to break the cadherin bonds between the blastomeres and thereby allow for the removal of one or two blastomeres for PGD.
- **LG PGD Biopsy Medium** contains sucrose to cause a mild shrinkage of the blastomeres and thereby facilitate removal of the blastomere(s) for PGD.
- **LG PGD Biopsy Medium** contains all the other components of global<sup>®</sup> embryo culture medium including energy substrates and amino acids. This reduces the stress on the embryo and promotes better development of the embryo after it is returned to culture.
- **LG PGD Biopsy Medium** is HEPES-buffered for use outside of a CO<sub>2</sub> incubator, and contains gentamicin and HSA so that it is ready to use.
- **LG PGD Biopsy Medium** was designed in consultation with Santiago Munné and his scientific staff at Reprogenetics, one of the foremost PGD laboratories in the world.

## LG PGD Biopsy Medium Stringent Quality Control:

- Proven consistent results
- Accommodating schedules with fresh overnight deliveries
- Stringent third party QC testing includes: pH, Osmolality, LAL Endotoxin, Two cell MEA tested, Sterility Test

## Storage Requirements:

Store at 2-8°C and protected from light.

## Shelf Life:

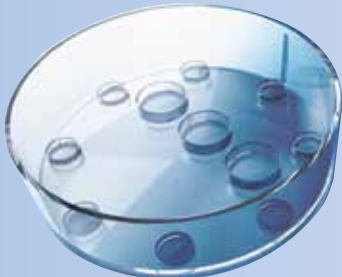
No more than 10 weeks from the date of production when stored unopened at 2-8°C and protected from light.

## Composition:

Sodium Chloride, Amino Acids, Potassium Chloride, EDTA, Potassium Phosphate, Phenol Red, Sodium Bicarbonate, Gentamicin Sulfate, Glucose, HEPES, Sodium Lactate, Sucrose, Sodium Pyruvate, Human Serum Albumin

## Recommended Product For Culture:

**LG PGD Biopsy Medium** is based on global<sup>®</sup> medium. For optimal embryo development, we recommend that the embryos be cultured in global<sup>®</sup> medium both before (Day 1-3), and after (Day 3-5), the biopsy procedure.



embryo GPS<sup>®</sup> Dish  
– The best dish for PGD cases

The formulation of LG PGD Biopsy Medium is consistent with the findings of Hill and Li (The Clinical Embryologist 7, 11-12, 2004) who conclude that:

“We believe this step – that of using embryo biopsy media that contain essential amino acids and nutrients found in the primary culturing milieu – to be critical in maximizing clinical outcomes.”

## Ordering Information:

LPGG-020 ..... LG PGD Biopsy Medium, 20 ml

LPGG-050..... LG PGD Biopsy Medium, 50 ml

**IVFonline.com<sup>®</sup>**

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