



Embryo Culture

GM501 Cult with Gentamicin

GM501 Cult with Gentamicin is a ready-to-use bicarbonate buffered culture medium, designed for fertilisation and for human embryo culture from day 1 to blastocyst stage. It can also be used for embryo transfer.

- **Ready-to-use**
- **Bicarbonate buffered**
- **Single step medium - from fertilisation to blastocyst stage**
- **Can be used with or without medium change at day 3**
- **Suitable for microdrop (single and group) culture under oil and open culture systems**
- **Contains Gentamicin (10.00 mg/litre)**
- **Contains Human Serum Albumin (10.00 g/litre)**
- **CE marked class III (0344)**



GM501 Cult with Gentamicin

GM501 Cult with Gentamicin is a ready-to-use bicarbonate buffered culture medium, designed for fertilisation and for human embryo culture from day 1 to blastocyst stage. It can also be used for embryo transfer.



Composition

- NaCl, KCl, KH_2PO_4 , MgSO_4 , CaCl_2
- Bicarbonate, EDTA
- Glucose, Lactate, Pyruvate
- Non-essential and essential Amino Acids, Alanyl-Glutamine
- Human Serum Albumin, Gentamicin

Tested specifications

- pH
- Osmolality
- Sterility
- Endotoxins
- MEA

Can be used in combination with

- GM501 Mineral Oil

Instructions for use

GM501 Cult with Gentamicin must be equilibrated over night in a humidified CO_2 -incubator (at 5 - 7 % CO_2 , 37 °C).

References

- Campo R., Binda M.M., Van Kerkhoven G., Frederickx V., Serneels A., Roziers P., Lopes A.S., Gordts S., Puttemans P., Gordts S. (2010): Critical reappraisal of embryo quality as a predictive parameter for pregnancy outcome: a pilot study. *F, V & V in ObGyn* 2: 289-295.
- Kemeter P., Hajek J., Feichtinger W. (2011): Eine prospektiv-randomisierte Studie zum Vergleich zweier Embryo-Kultursysteme nach IVF/ ICSI: Sequential media in 5 % O_2 -Atmosphäre und Single medium in 21 % O_2 -Atmosphäre. *J Gynäkol Endokrinol* 21: 16-21.

Order codes	Size	Storage	Shelf life*
FGY4GM501H+G-20	1 x 20 ml	2 - 8 °C	6 months
FGY4GM501H+G-50	1 x 50 ml	2 - 8 °C	6 months

* from time of manufacture

Gi103/V3

Planer Limited

110 Windmill Road, Sunbury-On-Thames
Middlesex TW16 7HD, United Kingdom
A Hamilton Thorne Company

Tel: +44 (0)1932 755 000
enquiries@planer.com
www.planer.com

Manufactured by

Gynemed GmbH & Co. KG
Lübecker Straße 9 23738 Lensahn
Germany

Tel.: +49 (0) 4363 90 32 90
info@gynemed.de
www.gynemed.de