



Embryo Culture

GM501 Cult with Gentamicin and Phenolred

GM501 Cult with Gentamicin and Phenolred 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)
- Contains Phenolred
- CE marked class III (0344)



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Composition

- NaCl, KCl, KH₂PO₄, MgSO₄, CaCl₂
- Bicarbonate, EDTA
- Glucose, Lactate, Pyruvate
- Non-essential and essential Amino Acids, Alanyl-Glutamine
- Human Serum Albumin, Gentamicin, Phenolred

Tested specifications

- pH
- Osmolality
- Sterility
- Endotoxins
- MEA

Can be used in combination with

- GM501 Mineral Oil

Instructions for use

GM501 Cult with Gentamicin and Phenolred must be equilibrated over night in a humidified CO₂- incubator (at 5 - 7 % CO₂, 37 °C).

References

- Paternot G., Debrock S., D’Hooghe T.M., Spiessens C. (2010): Early embryo development in a sequential versus single medium: a randomized study. *Reproductive Biology and Endocrinology* 7: 83.
- Gruber I., Klein M. (2011): Embryo culture media for human IVF: which possibilities exist? *J Turkish-German Gynecol Assoc* 12: 110-117.

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

* from time of manufacture

Gi104/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