



In Vitro Diagnostics

# GM508 CultActive

GM508 CultActive is a bicarbonate buffered HSA free reagent designed to investigate oocytes of patients with failed fertilisation after previous intracytoplasmic sperm injection cycles.

GM508 CultActive is designed to investigate if fertilisation failure after previous ICSI cycles is due to a deficient oocyte activation.

- Ready-to-use
- Bicarbonate buffered
- Investigation of fertilisation failure (oocyte activation)
- Contains  $\text{Ca}_2+$ -Ionophore A23187
- CE marked IVD



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## Composition

- NaCl, KCl, KH<sub>2</sub>PO<sub>4</sub>, MgSO<sub>4</sub>, CaCl<sub>2</sub>
- Bicarbonate, EDTA
- Glucose, Lactate, Pyruvate
- Non-essential and essential Amino Acids, Alanine-Glutamine,
- Ca<sup>2+</sup>-Ionophore A23187, DMSO

## Tested specifications

- pH
- Osmolality
- Sterility
- Endotoxins
- MEA

## Can be used in combination with

- GM501 Cult media

## Instructions for use

GM508 CultActive must be equilibrated 4 hours in vial not firmly closed at 5 - 7 % CO<sub>2</sub> and 37 °C prior to use.

## Recommended application

For further information, please see our IVF Media Recommended Usage Guide.

## References

- Ebner T., Maurer M., Oppelt P., Mayer R.B., Duba HC., Costamoling W., Shebl O.: Healthy twin live-birth after ionophore treatment in case of theophylline-resistant Kartagener syndrome. JARG (2015)
- Ebner T., Bulfon-Vogel S., Gruber I., Sonnenleitner U., Wöber M. Staples P., Shebl O., Mayer R.B. Oppelt P. (2014): Successful treatment with Ca<sup>2+</sup>-ionophore in case of previous developmental problems: a multicentre study. ESHRE P-148.
- Ebner T., Montag M. (2014): Live birth after artificial oocyte activation using a ready-to-use ionophore: a prospective multicentre study. Reproductive BioMedicine Online 11.012
- Ebner T., Montag M. (2011): Application of a ready-to-use ionophore increases rates of fertilisation and pregnancy in severe male factor infertility. Fertil Steril 96: 34.
- Montag M., Ebner T. (2011): Clinical application of artificial oocyte activation: Result of a prospective multicenter study. Hum Reprod volume 26, Supplement 1 2011: Abstract Book: i106.

Order code	Size	Storage	Shelf life*
FGY4GM508CULT-active 1	1 x 1 ml	2 - 8 °C	6 months

\* from time of manufacture

Gi102/V3

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