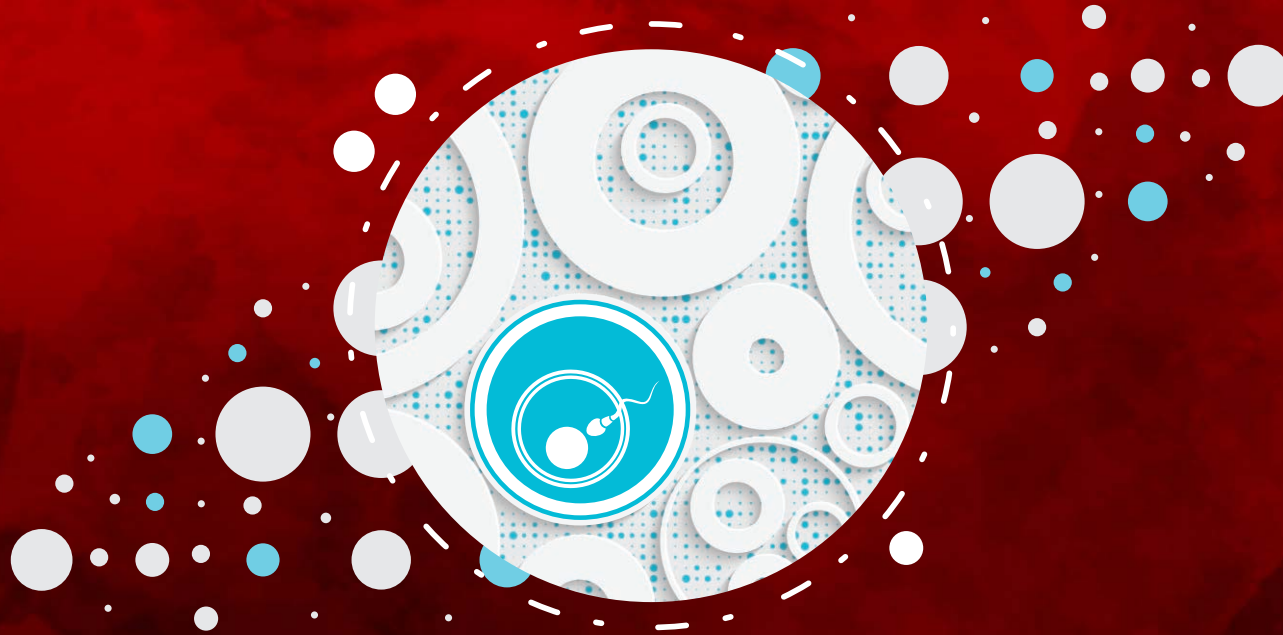




Fertilization & Culture Media

W`sHC





XLAB SOLUTIONS

We are X-Lab Solutions

The story begins in 1992 when "a few good men" have founded a service organization for laboratory and blood gas instruments in Transilvania.

At first, X-Lab Solutions' activity focused on maintenance and repairs. Along the way, the development of turnkey medical projects and providing lab supplies, have become priorities.

Today, the main focus is on providing after-sales services for medical equipment and projects (installation, commissioning, training, application support, service, maintenance).

X-Lab Solutions achievements:

- OVER 110 equipped hospitals and the associated services delivered, all over Europe
- Over 120 private laboratories equipped with diagnostic systems and serviced
- Over 170 private healthcare institutions equipped with medical devices and accessories



XLAB SOLUTIONS

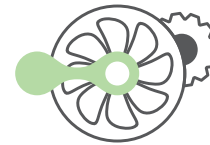
The pillars of X-Lab Solutions



POC
Point of care



W`sHC
In Vitro Fertilisation
& Medical Devices



SP
Special Projects

W`sHC - delivering excellence at every stage of the journey to a healthy and happy life!

IVF offers perfectly controlled conditions and state-of-the-art equipment to make every woman's dream of becoming a mother come true.

In Vitro Fertilisation

Fertilization & Culture Media





XLAB SOLUTIONS



Fertilization Media

- ORIGIO[®], SAGE[™] and LifeGlobal[®]
Culture Media



Culture Media



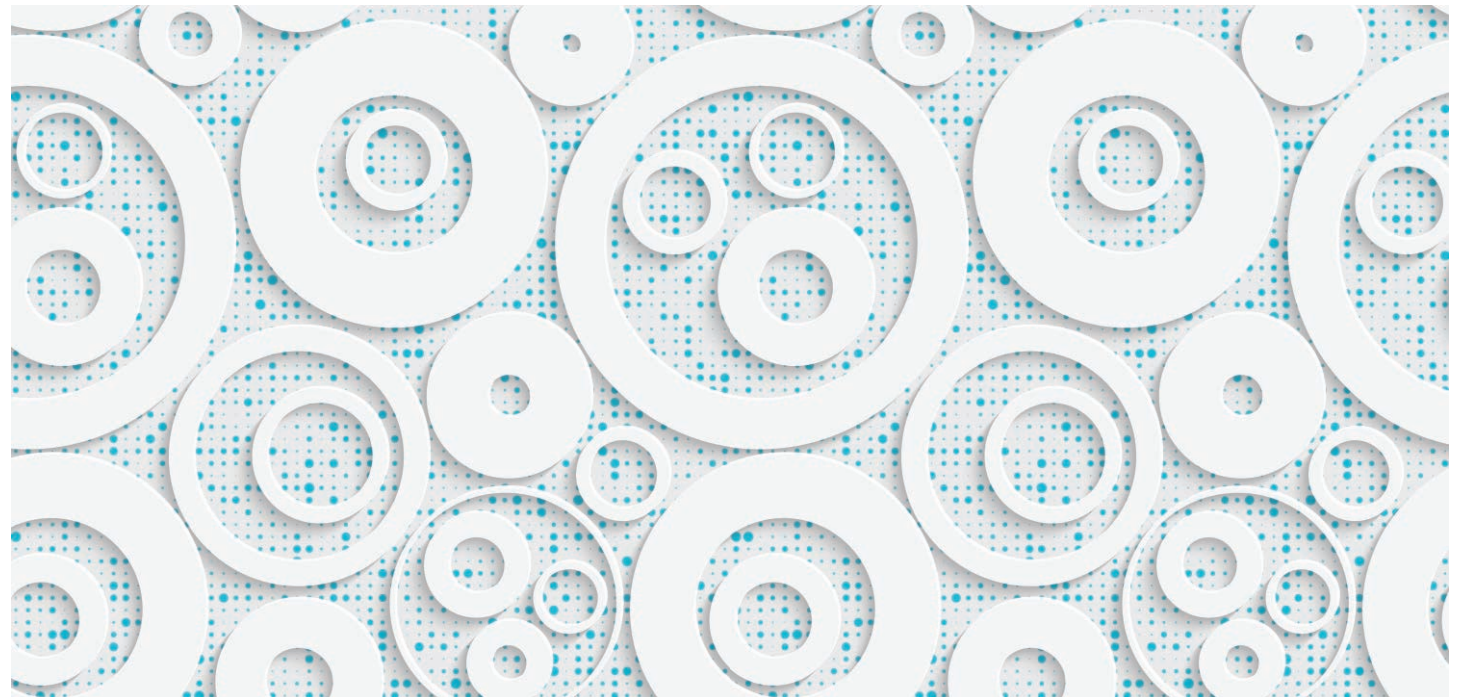
Transfer Media



CooperSurgical[®]

Fertility Solutions

Fertilization Media





XLAB SOLUTIONS

About •

Fertilization Media

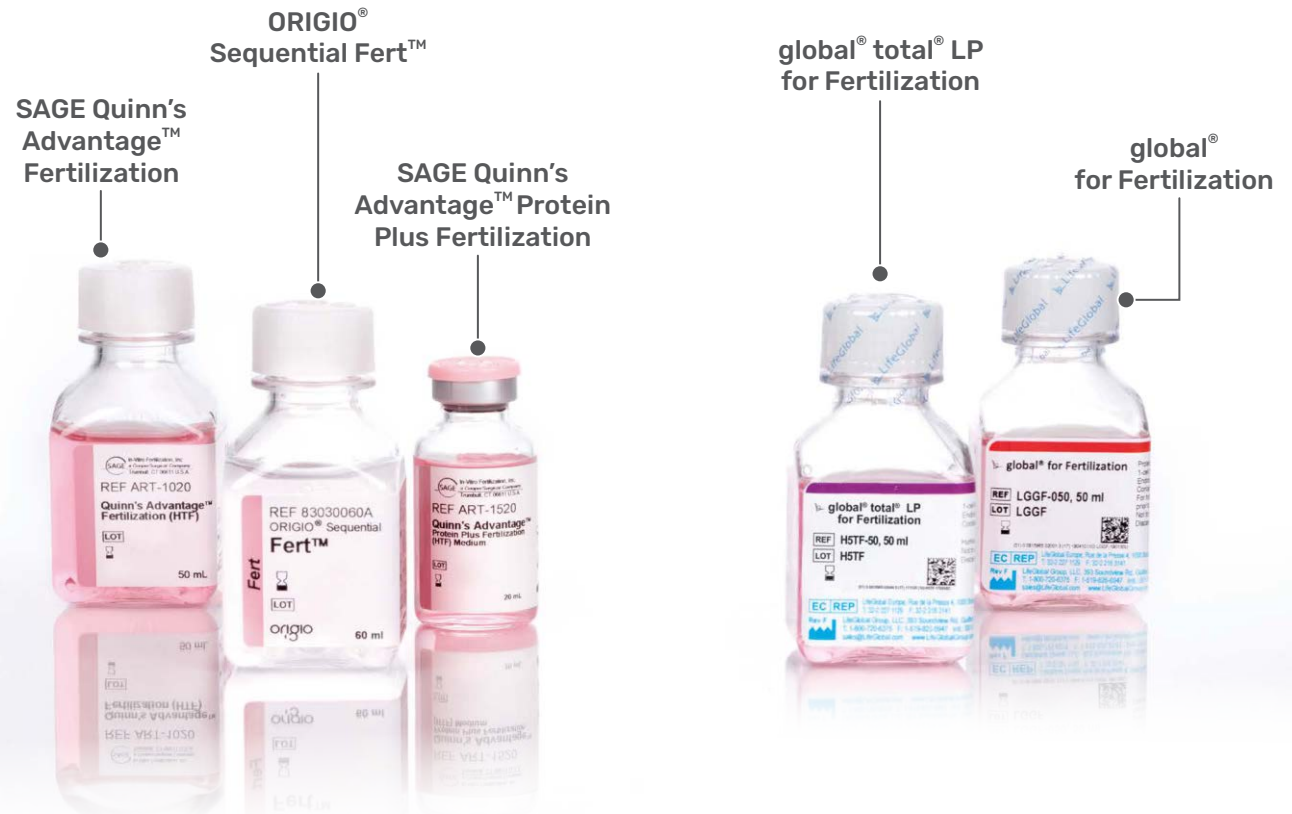
- Minimized stress and optimal fertilization
- Supports conventional IVF and ICSI procedures
- Designed to nurture both gametes during fertilization
- Promotes optimal sperm function for enhanced success
- Shared base formulation minimizes stress for optimal fertilization

 Fertilization Media

● ORIGIO[®], SAGE[™] and LifeGlobal[®]
Culture Media

 Culture Media

 Transfer Media





About •

ORIGIO[®], SAGE[™] and LifeGlobal[®] Culture Media

-  Fertilization Media
- ORIGIO[®], SAGE[™] and LifeGlobal[®] Culture Media

-  Culture Media

-  Transfer Media

- ● ORIGIO[®], SAGE[™] and LifeGlobal[®]:
 - three established brands
 - a common philosophy
 - to enhance clinic success with quality ART media
- ● Media for every step of the ART journey, including: oocyte retrieval andrology, fertilization, embryo culture and biopsy, cryopreservation
- ● The role of culture media in ART
- ● Culture systems minimize stresses to gametes and embryos *in vitro*
- ● They deliver a balance of ions, energy substrates, and nutrients
- ● Essential for optimizing clinical outcomes in the ART lab





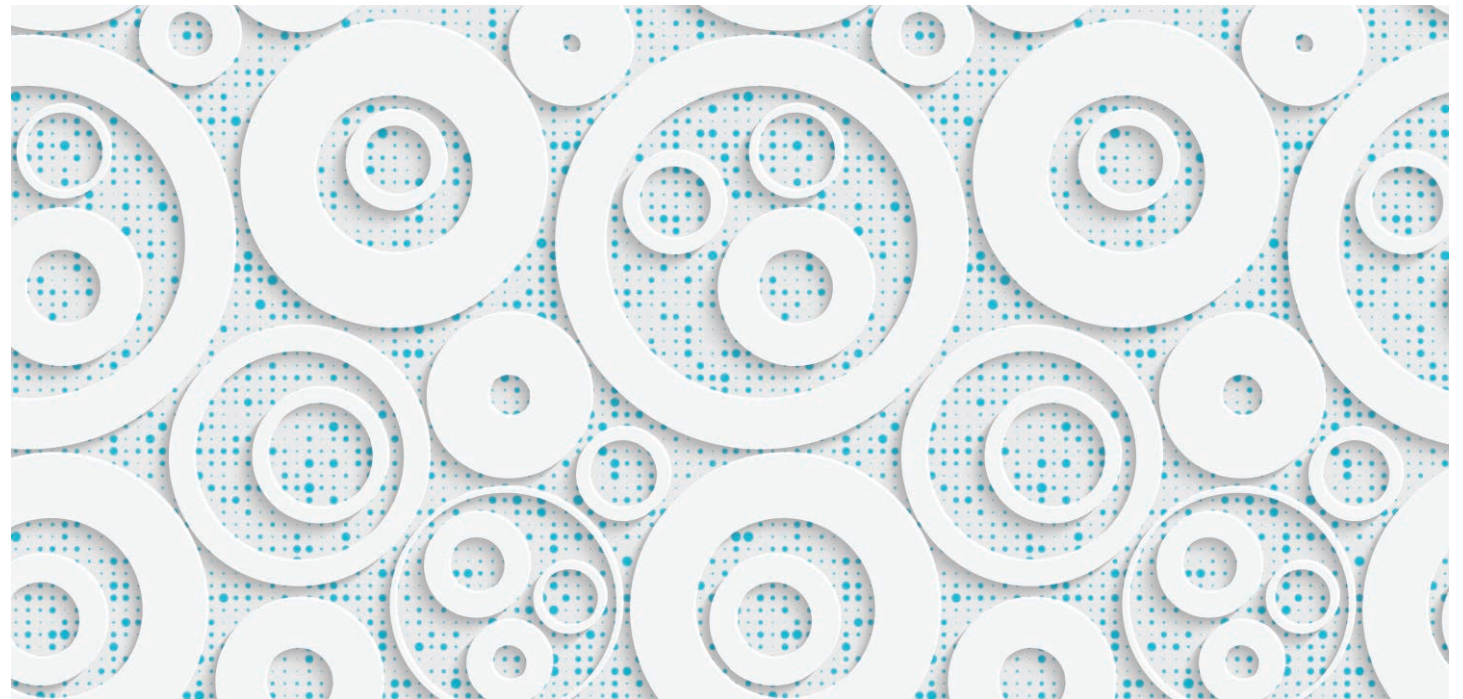
Culture Media

 Fertilization Media

 Culture Media

- SAGE 1-Step™ Medium
- Culture Media with GM-CSF

 Transfer Media





XLAB SOLUTIONS



Fertilization Media



Culture Media

- SAGE 1-Step™ Medium
- Culture Media with GM-CSF



Transfer Media

About • ---

Culture Media

Single-step embryo culture media

Supports uninterrupted culture of embryos to blastocyst stage

Comparable efficacy to sequential media for embryogenesis

Global® is protein-free medium with 15 years of proven performance
SAGE 1-Step™: Ready-to-use culture medium with HA and HSA

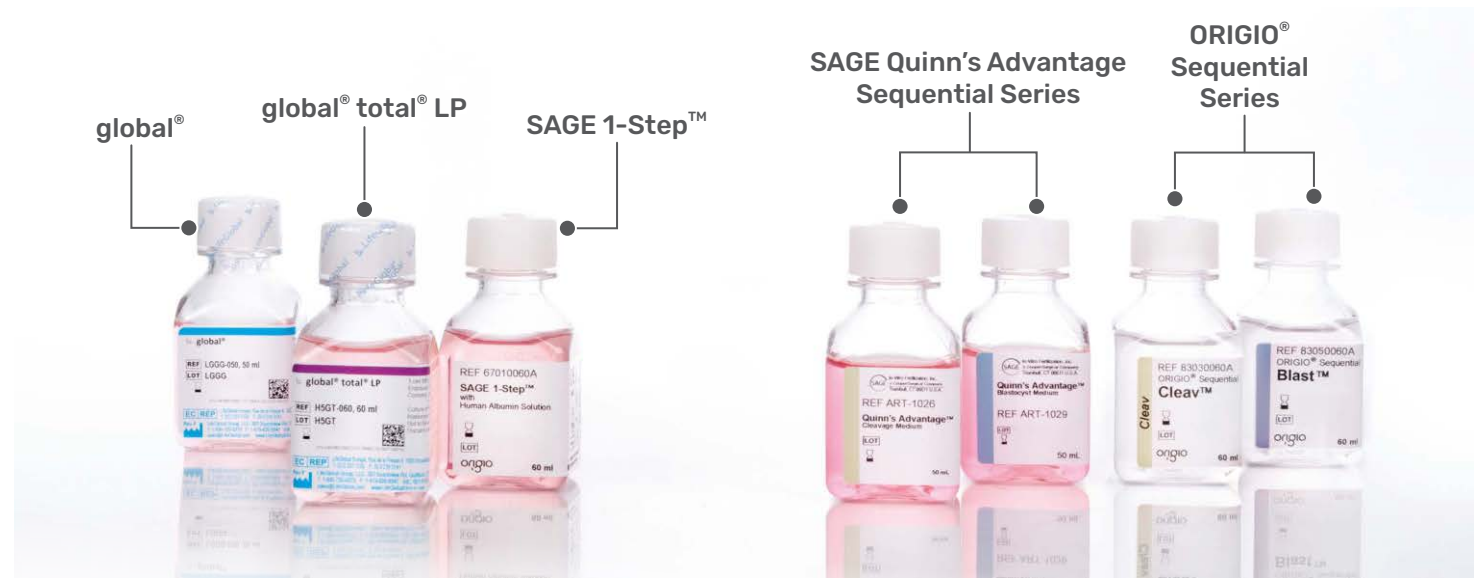
Sequential embryo culture media

Replicates the *in vivo* environment for embryos

Meet their metabolic and physiological needs at each stage

The Origio Sequential Series is formulated with research-backed concentrations for optimal cellular function

Hyaluronan enhances embryo development and implantation rates





About •

Culture Media



Fertilization Media



Culture Media

- SAGE 1-Step™ Medium
- Culture Media with GM-CSF



Transfer Media

SAGE 1-Step™ Medium

Ongoing support for the embryo
Hyaluronan with HSA promotes embryonic development, cryosurvival
Optimized D-glucose, L-lactate for continuous uninterrupted culture
Reduces ammonium accumulation with stable glutamine
Limits stress-induced calcium influx with high Mg^{2+} to Ca^{2+} ratio

Culture media with GM-CSF

Embryo-endometrial communication is essential for a successful pregnancy
Cytokines play a key role in stimulating this communication
Mimics the female reproductive tract environment
Enhances endometrial receptivity for successful implantation
Facilitates communication between embryo and endometrium



EmbryoGen®



BlastGen™





XLAB SOLUTIONS



Fertilization Media



Culture Media



Transfer Media



CooperSurgical®

Fertility Solutions

Transfer Media





About •

UTM™ Media

- For transfer of embryos and blastocysts
- Hyaluronan-rich transfer medium
- Hyaluronan significantly improves pregnancy rates

| Description | Size | HSA mg/ml | Shelf Life Guarantee* |
|--------------------------|-------|-----------|-----------------------|
| UTM™, with phenol red | 10 ml | 3 mg/mL | Minimum 8 weeks |
| UTM™, without phenol red | 10 ml | 3 mg/mL | Minimum 8 weeks |

Quality control testing

- Sterility tested (Ph. Eur., USP)
- Osmolality tested (Ph. Eur., USP)
- pH tested (Ph. Eur., USP)
- Endotoxin tested < 0.1 EU/ml (Ph. Eur., USP)
- Mouse Embryo Assay (MEA)



Total availability in less than 24 h anywhere in Romania and Moldova.

Contact us for technical support, service for your equipment or consumables.



We are offering an unique and customized range of services:

SALES SERVICES

Our sales representatives deeply understand your needs and guide in taking your best decisions.

TRAINING SERVICES

Through our training services you will know exactly how to operate your equipment according to the manufacturer's instructions.

MAINTENANCE & SUPPORT

Our engineers are highly skilled in servicing the equipment we provide.

Cluj-Napoca Head Office

Calea Manastur 70, Ap 30, Cluj-Napoca, Romania
Tel.: +40 264 42 76 77 · E-mail: office@xlab.ro

Bucharest

Sos. Odai 207A Bucharest 1, Romania
Tel.: +40 21 332 76 31 · E-mail: office@xlab.ro

Chisinau

Negresteni 9, Chisinau, Moldova
Tel.: +40 729038 316 · E-mail: office@xlab.ro

www.xlab.ro