



PRODUCT CATALOGUE





Your partner in semen analysis and Assisted Reproductive Technologies

Founded in 1992, FertiPro is a reliable, independent manufacturer of in vitro diagnostics and cell culture media used in assisted reproductive technologies and the diagnosis of male infertility.



Product Range

We manufacture in vitro diagnostic kits for the determination of neutral alpha-glucosidase, fructose, anti-sperm antibodies, sperm vitality, white blood cells and sperm morphology in human semen samples. Our media range includes cell culture media for use in all stages of IVF and ICSI procedures as well as pre-washed, paraffin oils, a ready-to-use hyaluronidase solution, PVP solution, density gradients for sperm selection and media for cryopreservation of human oocytes, spermatozoa and embryos.

Manufacturing

Manufacturing takes place in our own, state-of-the-art, fully environmentally controlled, production facility in Beernem, Belgium.

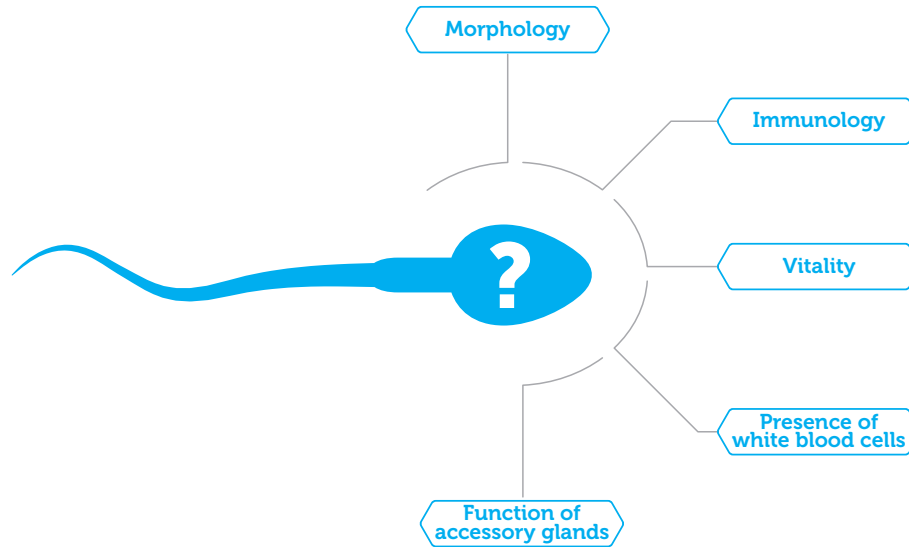
Certification & quality assurance

FertiPro is an ISO 13485 certified company, that participates in the MDSAP program. We have product registrations in Europe, Brazil, Canada, United States of America and in increasingly more countries worldwide. A complete list of all distributors can be found on our website. All of our diagnostic kits and ART media are CE marked either as in vitro diagnostics or as medical devices. Certificates of analysis for all our products are available upon request.

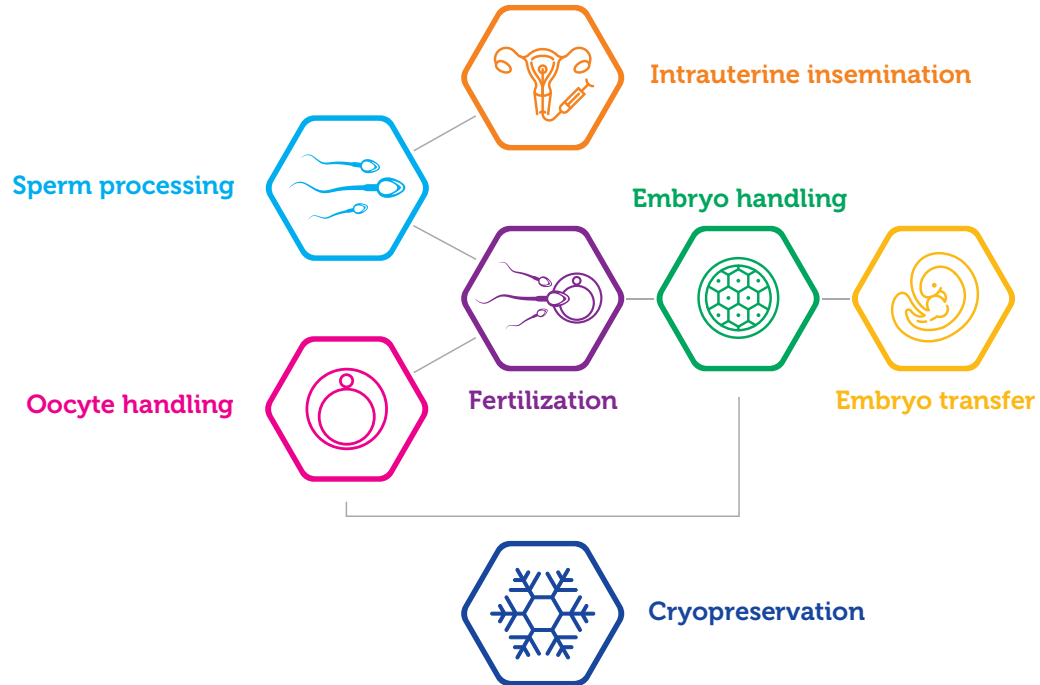
Contract manufacturing

Contact us for more information regarding contract manufacturing for your company.

Semen analysis: product range diagnostics



Assisted Reproductive Technologies: ART media





Semen analysis: product range diagnostics

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Spermac Stain

Sperm morphology stain

Regulatory

Europe: CE-marked (IVDR)

USA: registered – Canada: registered

Brazil: registered – Australia: registered

Other regions: information available upon request

Storage



Store between
2-25°C



Stable until expiry date specified on the
label (approximately 27 months)

Product order codes

SPS050	Spermac Stain – 4x 50ml
SPS250	Spermac Stain – 4x 250ml

Product instruction video



An instruction film on the use of
Spermac Stain is available on YouTube.



General information

Sperm morphology analysis is one of the basic semen examinations performed in the diagnosis and management of male infertility. Spermac Stain is an in vitro diagnostic staining kit consisting of a fixative and 3 staining solutions for human spermatozoa. Staining facilitates distinction between morphologically normal and abnormal spermatozoa, and enhances visualization of different parts of the sperm cell (head, acrosome, equatorial region, midpiece, tail).

For professional use only

Intended use

Spermac Stain is a qualitative, non-automated, diagnostic kit for professional use for the staining of human spermatozoa.

SpermMar Test IgA & IgG

Test for the detection of anti-sperm antibodies



General information

As sperm does not come into contact with the blood circulation, the male reproductive system contains no antisperm antibodies in normal conditions. However, when the blood-testis barrier is breached, the immune system can detect mature sperm as antigenic and form antisperm antibodies that cause sub- or infertility. Anti-sperm antibodies belong to two immunological classes: immunoglobulin (Ig)A and IgG antibodies, and can be present in the semen sample as well as in male blood serum. Antisperm IgA and IgG antibodies are clinically associated with immunological infertility, and screening can therefore provide help in assessing the male fertility.

For professional use only

Intended use

The SpermMar Test IgA and IgG are both semi-quantitative, non-automated diagnostic kits for detecting antisperm antibodies of respectively the IgA or IgG class on spermatozoa in human semen (or serum when using SpermMar Test IgG).

Regulatory

Europe: CE-marked (IVDD) – USA: registered

Canada: Health Canada License

Brazil: registered – Australia: registered

Other regions: information available upon request

Storage



Store between
+2°C – +8°C



SpermMar Test IgA:
12 months from date of manufacture

SpermMar Test IgG:
18 months from date of manufacture

Product order codes

SPMA_S	SpermMar Test IgA single kit	50 tests
SPMA_C	SpermMar Test IgA complete kit*	50 tests
SPMG_S	SpermMar Test IgG single kit	50 tests
SPMG_C	SpermMar Test IgG complete kit*	50 tests
SPMG_P	SpermMar Test IgG Positive Control	50 tests
SPMG_N	SpermMar Test IgG Negative Control	50 tests

Product instruction video



Instruction films on the use of SpermMar Test IgA & IgG are available on YouTube.

* The complete kit contains pipettes and glassware to perform the test.

VitalScreen

Sperm vitality test

Regulatory

Europe: CE-marked (IVDR) – USA: registered – Canada: registered
Brazil: registered – Australia: registered
Other regions: information available upon request

Storage



Store between
2-25°C



24 months
from date of manufacture

Product order codes

VITAL VitalScreen 200 tests

Product instruction video



An instruction film on the use of
VitalScreen is available on YouTube.



General information

VitalScreen uses eosin-nigrosin staining to assess the percentage of live spermatozoa. The technique is based on the principle that dead cells take up eosin through their cell membrane, and as a result stain red. The nigrosin provides a dark background which makes it easier to evaluate the slides. Sperm vitality should be determined when less than 40% of spermatozoa are motile. In samples with poor motility, it is important to discriminate between immotile dead sperm and immotile live sperm.

For professional use only

Intended use

VitalScreen is a semi-quantitative, non-automated diagnostic test to evaluate the vitality of spermatozoa in a semen sample by using an eosin-nigrosin staining.

Hypo-osmotic Swelling Test

Sperm vitality test



General information

The Hypo-osmotic Swelling Test (HOS Test) is an in vitro diagnostic for professional use to evaluate the vitality of the spermatozoa in a semen sample. In contrast to dead spermatozoa, living cells have intact cell membranes which allow regulated water transport in hypo-osmotic conditions which will result in swelling or curling of the sperm tail upon incubation in HOST medium.

For professional use only

Intended use

The HOS Test is a semi-quantitative, non-automated diagnostic test to evaluate the vitality (membrane function) of spermatozoa in a semen sample. The HOS Test should not be used for the selection of sperm in ART procedures such as intra-cytoplasmic sperm injection (ICSI).

Regulatory

Europe: CE-marked (IVDD) – Canada: Health Canada License
Brazil: registered – Australia: registered – USA: registered
Other regions: information available upon request

Storage

+2°C – +8°C
Store between 2-8°C

12 months
from date of manufacture

Product order codes

HOST Hypo-osmotic Swelling Test 5x 20ml

Product instruction video



An instruction film on the use of the Hypo-osmotic Swelling Test is available on YouTube.

LeucoScreen Plus

Improved leucocyte staining method

Regulatory

Europe: CE-marked (IVDD) – USA: registered
Australia: registered – Brazil: registered – Canada: registered
Other regions: information available upon request

Storage

+25°C
+2°C
Store between
2-25°C



12 months
from date of manufacture

Product order codes

LEUCO_PLUS LeucoScreen Plus 40 days of analysis

Product instruction video



An instruction film on the use of LeucoScreen Plus is available on YouTube. Training form can be downloaded from www.fertipro.com



General information

Most human ejaculates contain leucocytes and the predominant form of leucocytes in human semen are peroxidase-positive granulocytes. Excessive presence of these cells (leucocytospermia) may indicate the existence of reproductive tract infection. Leucocytospermia may also be associated with defects in the semen profile (reduction in sperm motility and DNA integrity, raise of sperm viscosity as well as loss of sperm function as a result of oxidative stress, and/or secretion of cytotoxic cytokines by these white blood cells). Although leucocytospermia is not an absolute indication of infertility, this condition is observed on average in 10 to 20% of all infertile men.

For professional use only

Intended use

LeucoScreen Plus is a semi-quantitative, non-automated, histochemical and diagnostic kit for the determination of peroxidase-positive white blood cells in human semen.

Fructose Test

Kit for the determination of fructose in seminal plasma



General information

The secretion of the seminal vesicles constitutes the main fraction of the ejaculate. Seminal fructose concentration can be used as a marker of the seminal vesicular function. Low fructose in semen is characteristic for partial or complete ejaculatory duct obstruction, bilateral congenital absence of the vas deference, partial retrograde ejaculation and androgen deficiency.

For professional use only

Intended use

The Fructose Test is a quantitative, non-automated, photometric and diagnostic kit for the measurement of fructose in human semen or seminal plasma (fresh or frozen).

Regulatory

Europe: CE-marked (IVDD) – Australia: registered
Other regions: information available upon request

Storage



Store between
2-8°C



12 months
from date of manufacture

Product order codes

FRUCTOSE Fructose Test 96 tests

Product instruction video



An instruction film on the use of the Fructose Test is available on YouTube

EpiScreen Plus

Kit for the determination of neutral alpha-glucosidase in seminal plasma

Regulatory

Europe: CE-marked (IVDD) – Australia: registered
Other regions: information available upon request

Storage



Store between
2-8 °C



24 months
from date of manufacture

Product order codes

EPI_PLUS EpiScreen Plus – 25 tests

Product instruction video



An instruction film on the use of
EpiScreen Plus is available on YouTube.



General information

EpiScreen Plus can be used to determine the neutral alpha-glucosidase activity in semen (plasma), an enzyme which is mainly secreted by the epididymis. The activity of this enzyme is a reliable marker for epididymis function in patients with (very) low sperm concentration or azoospermic patients, having a normal androgen blood level:

- very low activity indicates a bilateral obstruction between the epididymis and the ejaculatory duct.
- low activity may reflect partial obstruction of the epididymis.
- normal enzyme activity is expected when there is an obstruction above the area in which the enzyme is secreted or in cases of non-obstructive azoospermia (testicular disfunction).

For professional use only

Intended use

EpiScreen Plus is a quantitative, non-automated, photometric and diagnostic kit for detecting neutral alpha-glucosidase in human semen or seminal plasma.



Assisted Reproductive Technologies: ART media



Sperm processing

Washing/swim-up

- 18 FertiCult Flushing medium
- 20 Sil-Select Plus Sperm Washing/ Insemination medium
- 28 GAIN medium

Density gradient separation

- 20 Sil-Select Plus
- 22 Sil-Select STOCK

Sperm processing for ICSI

- 23 10% PVP in FertiCult Flushing medium



Intrauterine insemination

- 18 FertiCult Flushing medium
- 20 Sil-Select Plus Sperm Washing/
Insemination medium
- 28 GAIN medium



Oocyte handling

Washing

- 18 FertiCult Flushing medium
- 24 FertiCult Aspiration medium

Pick-up

- 24 FertiCult Aspiration medium

Denudation

- 25 Hyaluronidase in FertiCult Flushing medium

Oocyte incubation

- 26 FertiCult IVF medium
- 28 GAIN medium



Fertilization

- 26 FertiCult IVF medium
- 28 GAIN medium
- 30 FertiCult Mineral Oil
- 30 FertiCult High Viscosity Oil



Embryo handling

Embryo washing

- 18 FertiCult Flushing medium

Embryo culture

- 28 GAIN medium

Culture overlay

- 30 FertiCult Mineral Oil
- 30 FertiCult High Viscosity Oil



Embryo transfer

- 18 FertiCult Flushing medium
- 28 GAIN medium



Cryopreservation media

Sperm cryopreservation

- 32 SpermFreeze
- 32 SpermFreeze SSP
- 33 SpermFreeze Box

Oocyte cryopreservation

- 36 FertiVit Cooling / FertiVit Warming

Embryo cryopreservation

- 35 VitriFreeze / VitriThaw
- 36 FertiVit Cooling / FertiVit Warming
- 37 VitriFreeze ES / VitriThaw ES

FertiCult Flushing medium

HEPES buffered cell culture medium for use in human ART

Intended use

FertiCult Flushing medium is intended for in vitro procedures involving human gametes (sperm and oocytes), including washing of gametes, sperm swim-up procedures, intra-uterine insemination (IUI) of the spermatozoa and sperm injection during intracytoplasmic sperm injection (ICSI). FertiCult Flushing medium can also be used for human embryo washing and holding, and for embryo transfer (ET).

When FertiCult Flushing media are assembled in a kit together with Sil-Select Plus media, the products are marketed under the name “Sil-Select Plus Sperm Washing / Insemination media”.

For professional use only





Product specifications

- Chemical composition
- pH: 7.30-7.90 (release criteria: 7.30-7.60)
- Osmolality: 270-290 mOsm/kg
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.25EU/ml
- Sterility test by the current Ph. Eur. 2.6.1 / USP <71>: No growth
- One-cell mouse embryo assay (% blastocysts after 96 hours, after 60 minutes exposure to test medium:) : ≥ 80%
- Human sperm survival assay (% motility compared with control after 24 hours exposure to test medium): ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE marked (MDR, Notified Body number 2797)

Canada: Health Canada Licence – Brazil: registered

Other regions: information available upon request

Storage



18 months
from date of manufacture

STERILE A

Sterilized using aseptic
processing techniques



Keep away
from (sun)light

Product order codes

FLUSH020	FertiCult™ Flushing medium	5x 20ml
FLUSH050	FertiCult™ Flushing medium	5x 50ml
FLUSH100	FertiCult™ Flushing medium	3x 100ml
FLUSH020PHR	FertiCult™ Flushing medium with phenol red	5x 20ml
FLUSH050PHR	FertiCult™ Flushing medium with phenol red	5x 50ml
FLUSH100PHR	FertiCult™ Flushing medium with phenol red	3x 100ml
FLUSH500PHR	FertiCult™ Flushing medium with phenol red	1x 500ml
FLUSH020PRG	FertiCult™ Flushing medium with phenol red and gentamicin	5x 20ml
FLUSH050PRG	FertiCult™ Flushing medium with phenol red and gentamicin	5x 50ml
FLUSH100PHR_G	FertiCult™ Flushing medium with phenol red and gentamicin	3x 100ml
FLUSH500PHR_G	FertiCult™ Flushing medium with phenol red and gentamicin	1x 500ml
WASH005	Sil-Select Plus™ Sperm Washing/ Insemination medium	25x 5 ml
WASH020	Sil-Select Plus™ Sperm Washing/ Insemination medium	5x 20 ml
WASH100G	Sil-Select Plus™ Sperm Washing/ Insemination medium with gentamicin	1x 100ml

Sil-Select Plus

Sperm preparation media



Intended use

Sil-Select Plus is a ready-to-use gradient system for semen preparation.

The following gradients are available:

- Sil-Select Plus Upper layer (45%)
- Sil-Select Plus 80%
- Sil-Select Plus Lower layer (90%)

The Sil-Select Plus system can be used for semen preparation for Intra Uterine Insemination (IUI), In Vitro Fertilization (IVF) and IntraCytoplasmatic Sperm Injection (ICSI).

Sil-Select Plus Sperm Washing/Insemination medium is intended for use in Assisted Reproductive Technologies, more specifically for sperm washing/holding and for the production of density gradients. The medium can be used for IUI.

For professional use only



Product instruction video



An instruction film on the use of Sil-Select Plus is available on our website.

Product specifications

Sil-Select Plus Upper layer/Lower layer/80% media:

- Chemical composition
- pH criteria: 7.20-7.90 (release criteria: 7.20-7.60)
- Osmolality: 280-310 mOsm/kg (Upper layer)
290-330 mOsm/kg (Lower layer)
290-330 mOsm/kg (80%)
- Density: 1.0500-1.0700 (Upper layer)
1.1050-1.1150 g/ml (Lower layer)
1.097-1.107 g/ml (80%)
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.5EU/ml
- Sterility test according to the current Ph. Eur. 2.6.1 /USP <71>: No growth
- Human sperm survival assay (% motility compared with control after 4 hours exposure to test medium): ≥ 80%
- Human sperm survival assay (% motility compared with control after 24 hours exposure to test medium): ≥ 75%
- Not MEA tested
- Use of Ph Eur or USP grade products if applicable

Sil-Select Plus Sperm Washing/Insemination medium:

- Chemical composition
- pH criteria: 7.30-7.90 (release criteria: 7.30-7.60,)
- Osmolality: 270-290 mOsm/kg
- Sterility test according to the current Ph. Eur. 2.6.1 /USP <71>: No growth
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.25EU/ml
- One-cell Mouse Embryo Assay (blastocysts after 96 hours, after 60 minutes exposure to test medium): ≥ 80%
- Human Sperm Survival Assay (% motility compared with control after 24 hours exposure to test medium): ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE-marked (MDR, Notified Body number 2797)

Canada: Health Canada License – Brazil: Registered

USA: US FDA-cleared – Other regions: Information available upon request

Product order codes

SIP008	Sil-Select Plus™ Lower layer	8x 2.5ml
	Sil-Select Plus™ Upper layer	8x 2.5ml
	Sil-Select Plus™ Sperm Washing/Insemination medium	8x 5ml
SIP016	Sil-Select Plus™ Lower layer	2x 20ml
	Sil-Select Plus™ Upper layer	2x 20ml
	Sil-Select Plus™ Sperm Washing/Insemination medium	5x 20ml
SIP025LO	Sil-Select Plus™ Lower layer	25x 2.5ml
SIP025UP	Sil-Select Plus™ Upper layer	25x 2.5ml
SIP020LO	Sil-Select Plus™ Lower layer	1x 20ml
SIP020UP	Sil-Select Plus™ Upper layer	1x 20ml
SIP050	Sil-Select Plus™ Lower layer	1x 50ml
	Sil-Select Plus™ Upper layer	1x 50ml
SIP100	Sil-Select Plus™ Lower layer	1x 100ml
	Sil-Select Plus™ Upper layer	1x 100ml
SIP80_100	Sil-Select Plus™ 80%	1x 100ml

Single bottles can be ordered separately

Storage



18 months from date
of manufacture



Keep away
from (sun)light

STERILE A

Sterilized using aseptic
processing techniques

Sil-Select STOCK

Sperm preparation media



Product specifications

- Chemical composition
- pH criteria: 7.20-7.90 (Release criteria: 7.20-7.60)
- Osmolality: 300-330 mOsm/kg
- Density: 1.1150-1.1250 g/ml
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.5EU/ml
- Sterility test according to the current Ph. Eur. 2.6.1 /USP <71>: No growth
- Human sperm survival assay (% motility compared with control after 4 hours exposure to test medium): ≥ 80%
- Human sperm survival assay (% motility compared with control after 24 hours exposure to test medium): ≥ 75%
- Not MEA tested
- Use of Ph Eur or USP grade products if applicable

Product order codes

SIS100	Sil-Select Stock™	1 x 100ml
SIS500	Sil-Select Stock™	1 x 500ml
SIS100_32G	Sil-Select Stock™ with gentamicin	1 x 100ml

Regulatory

Europe: CE-marked (MDR, Notified Body number 2797)
USA: US FDA Cleared
Canada: Health Canada License
Brazil: Registered
Other regions: Information available upon request

Storage



Store between
2-8 °C



18 months from date
of manufacture



Sterilized using aseptic
processing techniques



Keep away
from (sun)light



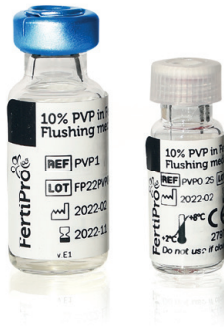
Intended use

Sil-Select Stock is a stock solution for semen preparation. It is an isotonic gradient for semen preparation with a density of approximately 1.12 g/ml. Sil-Select Stock can be used for semen preparation for Intra Uterine Insemination (IUI), In Vitro Fertilization (IVF) and IntraCytoplasmatic Sperm Injection (ICSI).



10% PVP in FertiCult Flushing medium

Viscous medium for use in ICSI procedures



Intended use

10% PVP in FertiCult Flushing medium is a viscous medium containing polyvinylpyrrolidone (PVP) used for sperm preparation for Intracytoplasmic Sperm Injection (ICSI). These procedures require the capture of individual sperm cells in a glass pipette for injection into the oocyte and this is facilitated by first immobilizing the sperm by placing them in a viscous medium like 10% PVP in FertiCult Flushing medium prior to nicking the tail to immobilize sperm completely.

For professional use only

Product specifications

- Chemical composition
- pH: 7.20-7.90 (release criteria: 7.20-7.60)
- Osmolality: 280-340 mOsm/kg (release criteria: 280-320 mOsm/kg)
- Viscosity: >170 cP at 25 °C
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): <0.5 EU/ml
- Sterility test by the current Ph. Eur. 2.6.1 / USP <71>: No growth
- One-cell mouse embryo assay (% blastocysts after 96 hours, after 10 minutes exposure time to test medium): ≥ 80%
- Human sperm survival assay (% motility compared with control, after 60 minutes exposure time to test medium): ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Product order codes

PVP0.2S	10% PVP in FertiCult Flushing medium (screw cap)	5x 0.2ml
PVP1	10% PVP in FertiCult Flushing medium	1x 1ml

Regulatory

Europe: CE-marked
(MDR, Notified Body number 2797)
Canada: Health Canada License
Brazil: Registered
Other regions: Information available upon request

Storage



Store between
2-8°C



9 months from date
of manufacture



Sterilized using aseptic
processing techniques



Keep away
from (sun)light

FertiCult Aspiration medium

HEPES buffered cell culture medium for human oocyte pick-up and follicular flushing



Product specifications

- Chemical composition
- pH (ambient air) 7.30-7.90 (release criteria: 7.30-7.60)
- Osmolality: 270-290 mOsm/kg
- Sterility test by the current Ph. Eur. 2.6.1/ USP <71>: No growth
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.25EU/ml
- One-cell mouse embryo assay (% blastocysts after 96 hours, after 1 hour exposure to test medium:) : ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE-marked (Notified Body Number 0344)
Brazil: Registered
Other regions: Information available upon request

Product order codes

ASPI020 FertiCult Aspiration medium 5x 20ml
ASPI100 FertiCult Aspiration medium 5x 100ml

Storage



Store between 2-25°C



18 months from date of manufacture



Sterilized using aseptic processing techniques



Keep away from (sun)light



Intended use

FertiCult Aspiration medium is a ready to use formulation for oocyte pick-up and follicular flushing. FertiCult Aspiration medium contains heparin (pharmaceutical grade) and HEPES to stabilize the pH under air, no CO₂ incubation is required.

For professional use only



Hyaluronidase in FertiCult Flushing medium

Hyaluronidase solution



Product specifications

- Chemical composition
- pH: 7.30-7.90 (release criteria: 7.30-7.60)
- Osmolality: 270-290 mOsm/kg
- Sterility test by the current Ph. Eur. 2.6.1/ USP <71>: No growth
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.50 EU/ml
- One-cell mouse embryo assay (% blastocysts after 96 hours, after 30 minutes exposure to test medium): ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE-marked (Notified Body number 0344)

Brazil: Registered

Other regions: Information available upon request

Product order codes

HYA001	Hyaluronidase in FertiCult Flushing medium	5x 1ml
HYA010	Hyaluronidase in FertiCult Flushing medium	1x 10ml

Storage



STERILE A

Sterilized using aseptic processing techniques



Keep away from (sun)light

Intended use

Hyaluronidase in FertiCult Flushing medium contains bovine derived 80 IU/ml hyaluronidase in FertiCult Flushing medium. The solution is used in the oocyte denudation process. Hyaluronidase digests the hyaluronic acid between the cumulus cells, which makes it easier to remove the cumulus mechanically.

For professional use only

FertiCult IVF medium

Fertilization medium

Intended use

FertiCult IVF medium is intended for washing and holding of human oocytes, performing fertilization by In Vitro Fertilization (IVF) or IntraCytoplasmatic Sperm Injection (ICSI) (until 2PN).

For professional use only





Product specifications

- Chemical composition
- pH: 7.20-7.50 (37 °C - 6% CO₂)
- Osmolality: 270-290 mOsm/kg
- Sterility test by the current Ph. Eur. 2.6.1. / USP <71>: No growth
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.25EU/ml
- Mouse Embryo Assay (% blastocysts after 96h after IVF in test medium): ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Product order codes

FECU020	FertiCult™ IVF medium	5x 20ml
FECU050	FertiCult™ IVF medium	5x 50ml
FECU100	FertiCult™ IVF medium	3x 100ml
FECU020PHR	FertiCult™ IVF medium with phenol red	5x 20ml
FECU050PHR	FertiCult™ IVF medium with phenol red	5x 50ml
FECU100PHR	FertiCult™ IVF medium with phenol red	3x 100ml
FECU020PHR_G	FertiCult™ IVF medium with phenol red and gentamicin	5x 20ml
FECU050PHR_G	FertiCult™ IVF medium with phenol red and gentamicin	5x 50ml
FECU100PHR_G	FertiCult™ IVF medium with phenol red and gentamicin	3x 100ml

Regulatory

Europe: CE-marked MDR (Notified Body number 2797)

Brazil: registered

Other regions: information available upon request

Storage



12 months
from date of manufacture



Sterilized using aseptic
processing techniques



Keep away
from (sun)light

GAIN medium

Cell culture media for use in human ART



Product specifications

- Chemical composition
- pH: 7.20-7.45 (37 °C, 5% CO₂)
- Osmolality: 270-290 mOsm/kg
- Sterility test by the current Ph. Eur. 2.6.1/ USP <71>: No growth
- Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>): < 0.25EU/ml
- One-cell mouse embryo assay (% blastocysts after 96 hours culture in test medium): ≥ 80%
- Human sperm survival assay (% motility compared with control, after 24 hours exposure to test medium at room temperature, no CO₂ incubation): ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE-marked (MDR, Notified Body Number 2797)
Brazil: Registered
Other regions: Information available upon request

Product order codes

GAIN010	GAIN™ medium	5 x 10ml
GAIN020	GAIN™ medium	5 x 20ml

Storage



STERILE A

Sterilized using aseptic processing techniques



Keep away from (sun)light



Intended use

GAIN medium is a single-step cell culture medium for use with human embryos and gametes. GAIN medium can additionally be used in all the procedures indicated below:

- For semen washing and Intra Uterine Insemination (IUI).
- For oocytes handling/incubation in preparation of, or during fertilization by In Vitro Fertilization (IVF)/ Intra Cytoplasmic Sperm Injection (ICSI).
- For embryo culture from day 1 to expanded blastocyst stage.
- For embryo transfer (ET).

For professional use only

NEW

FertiCult High Viscosity Oil



Experience the comfort of using FertiCult High Viscosity Oil with significant higher viscosity compared to FertiCult Mineral Oil!

- ✓ *Make it simple. Preparing and handling dishes will never have been that easy!*
- ✓ *Feel more relaxed. Sometimes, manipulations outside the incubator need more time. The viscous oil layer guarantees a perfectly stable pH for at least 30 minutes!*

FertiCult Mineral Oil and FertiCult High Viscosity Oil are produced and tested according to the highest quality standards and CE marked according to the EU-MDR.

FertiCult Mineral Oil - FertiCult High Viscosity Oil

Pre-washed mineral oils



Intended use

FertiCult Mineral Oil and FertiCult High Viscosity Oil are ready to use, pre-washed mineral oils for use in In Vitro Fertilization (IVF), Intracytoplasmic Sperm Injection (ICSI) and related Assisted Reproductive Technologies (ART).

FertiCult High Viscosity Oil is more viscous and has higher density values compared to FertiCult Mineral Oil. The difference in viscosity (and density) is reflected in the practical use of the product and is dependent on the procedures used by a certain laboratory. In this way, laboratories can choose between both types of oil in order to guarantee the most optimal culture system according to their procedures.

Product specifications

	FertiCult Mineral Oil	FertiCult High Viscosity Oil
Chemical composition	✓	✓
Density:	0.83-0.86g/ml	0.86-0.88g/ml
Viscosity:	< 60cP at 30 °C	95-140cP at 30 °C
Endotoxin test by Limulus Amebocyte Lysate (LAL) methodology (USP <85>):	< 0.1 EU/ml	< 0.1 EU/ml
Peroxide Value (POV):	<0.1 mEq/kg	< 0.1 mEq/kg
Sterility test by the current Ph. Eur. 2.6.1/ USP <71>:	No growth	No growth
One-cell Mouse embryo assay %:	≥ 80% (blastocysts after 120 hours in standard mouse IVF medium covered with test item)	≥ 80% (blastocysts after 120 hours in standard mouse IVF medium covered with test item)
Use of pharmaceutical grade mineral (paraffin) oil	✓	✓

Regulatory

Europe: CE-marked (MDR, Notified Body Number 2797)
 USA: *US FDA Cleared*
 Brazil: *registered (FertiCult Mineral Oil)*
 Other regions: *information available upon request*

Storage

+25°C

Store between
15-25°C

+15°C

18 months

from date of
manufacture

STERILE

A

Sterilized using
aseptic processing
techniques

Keep away
from (sun)light

Product order codes

(glass bottle)			
MINOIL050	FertiCult TM Mineral Oil	1 x 50ml	
MINOIL100	FertiCult TM Mineral Oil	1 x 100ml	
MINOIL500	FertiCult TM Mineral Oil	1 x 500ml	
(PETG bottle)			
MINOIL050P	FertiCult TM Mineral Oil	1 x 50ml	
MINOIL100P	FertiCult TM Mineral Oil	1 x 100ml	
MINOIL500P	FertiCult TM Mineral Oil	1 x 500ml	

Product order codes

(glass bottle)			
HVOIL050	FertiCult TM High Viscosity Oil	1 x 50ml	
HVOIL100	FertiCult TM High Viscosity Oil	1 x 100ml	
HVOIL500	FertiCult TM High Viscosity Oil	1 x 500ml	

SpermFreeze / SpermFreeze SSP

Medium for freezing human spermatozoa



Product specifications

- Chemical composition
- pH 7.20 – 7.90 (Release criteria: 7.20 – 7.60)
- Sterility test by the current Ph. Eur. 2.6.1 / USP <71>: No growth
- Endotoxins (USP <85>): < 0.25EU/ml
- Human sperm survival assay (% motility compared with control after 4 hours exposure to test medium): ≥ 80%
- Not MEA tested
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE-marked (MDR, Notified Body number 2797)

USA: US FDA Cleared

Canada: Health Canada License (only SpermFreeze)

Brazil: Registered

Other regions: Information available upon request

Product order codes

SpermFreeze

SPF05	SpermFreeze™	25 x 5ml
SPF	SpermFreeze™	5 x 20ml

SpermFreeze SSP

SSP001	SpermFreeze™ SSP	5 x 1ml
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Storage



Store between
2-8°C



18 months
from date of
manufacture

STERILE A

Sterilized using
aseptic processing
techniques



Keep away
from (sun)light



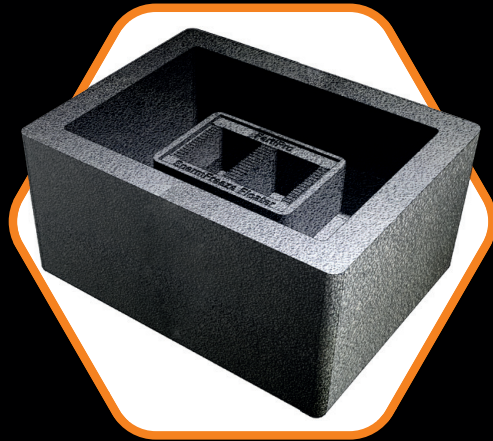
Intended use

SpermFreeze and SpermFreeze SSP are media for cryopreservation of human sperm for further use in Assisted Reproductive Technologies.

For professional use only

SpermFreeze Box

NEW

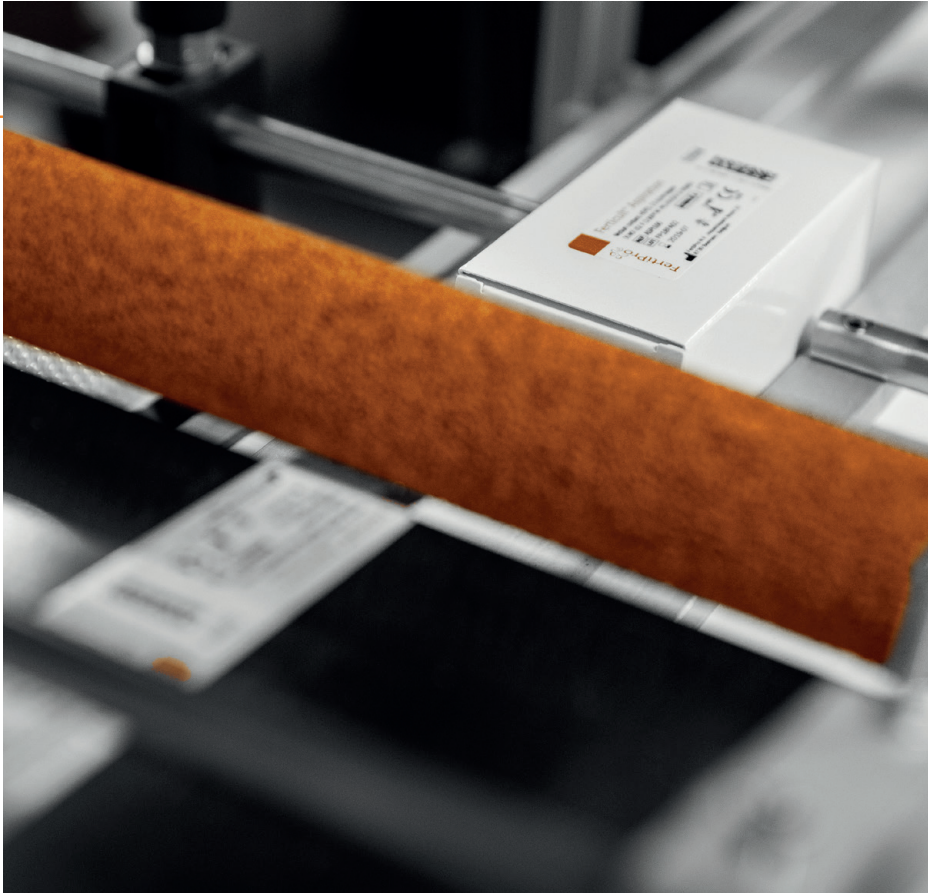


- ✓ Freezing tool to standardize your sperm freezing protocols
- ✓ Ideal height above liquid nitrogen level guaranteed thanks to the SpermFreeze Floater
- ✓ Robust Freezing Box with a thick wall to work safe with liquid nitrogen
- ✓ Manufactured from EPP (Expanded Poly Propylene)
- ✓ Multiple use, washable (dish washer) and resistant to broad range of disinfectants

Protocol

- 1 Fill the box with liquid nitrogen
- 2 Place your sealed straws on the floater
- 3 Deposit the floater on the liquid nitrogen
- 4 Close the box with the lid
- 5 Wait for at least 15 minutes
- 6 Plunge the straws in the liquid nitrogen
- 7 Store them in your nitrogen storage container for long term preservation

Product order code: SPF_BOX SpermFreeze Box (342 x 264 x 188mm)





VitriFreeze – VitriThaw

Kits for vitrifying and warming of human blastocysts



Intended use

VitriFreeze and VitriThaw are a set of media for vitrification and thawing of human embryos (morula till expanded blastocyst stage).

For professional use only

Product specifications

- Chemical composition
- pH: 7.20-7.40
- Osmolality (mOsm/kg):
 - VitriFreeze Pre-incubation: 270-295 (release criteria: 270-290)
 - VitriThaw Thawing 1: 805-865 (release criteria: 805-850)
 - VitriThaw Thawing 2: 535-565
 - VitriThaw Thawing 3: 405-435
 - VitriThaw Thawing 4: 270-295 (release criteria: 270-290)
- Sterility test by the current Ph. Eur. 2.6.1. / USP <71>: no growth
- Endotoxins test by Limulus Lysate methodology (USP <85>): < 0.25 EU/ml
- One-Cell Mouse embryo assay (% blastocysts stage after 96 hours following a sequential exposure to the cooling and warming media) ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Product order codes

VF_KIT1 VitriFreeze™ kit
VT_KIT1 VitriThaw™ kit

Storage



Regulatory

Europe: CE-marked MDR (Notified Body number 2797)
USA: US FDA Cleared – Other regions: information available upon request



Sterilized using aseptic processing techniques



Keep away from (sun)light

FertiVit Cooling – FertiVit Warming

Kits for vitrification and warming of human oocytes and embryos up till blastocyst stage



Product specifications

- Chemical composition.
- pH: 7,20-7,50 (release criteria: 7,20-7,40).
- Osmolality (mOsm/kg):
 - Pre-incubation / Warming 6: 270-295 (release criteria: 270-290)
 - Warming 3: 805-865 (release criteria: 805-850)
 - Warming 4: 535-565
 - Warming 5: 405-435
- Sterility test by the current Ph. Eur. 2.6.1. / USP <71>: No growth
- Endotoxins test by Limulus Amebocyte lysate (LAL) methodology (USP <85>): < 0,25 EU/ml.
- One-Cell Mouse Embryo Assay (% blastocyst stage after 96 hours following a sequential exposure to the cooling and warming media): ≥ 80%.
- Use of Ph Eur or USP grade products if applicable.

Product order codes

FVC_KIT FertiVit™ Cooling kit
FWW_KIT FertiVit™ Warming kit

Regulatory

Europe: CE-marked MDR (Notified Body number 2797)
Brazil: registered
Other regions: information available upon request

Storage



12 months from date of manufacture

STERILE A

Sterilized using aseptic processing techniques



Keep away from (sun)light



Intended use

FertiVit Cooling and FertiVit Warming are a set of media for vitrification and warming of human oocytes and embryos (zygote till blastocyst).

For professional use only



VetriFreeze ES – VetriThaw ES

Kits for vitrifying and warming of human embryos



Intended use

VetriFreeze ES and VetriThaw ES are a set of media for vitrification and thawing of human embryos (zygote till expanded blastocyst stage).

For professional use only

Product specifications

- Chemical composition
- pH: 7.20-7.40
- Osmolality (mOsm/kg):
 - VetriFreeze ES Pre-incubation medium: 270-295 (release criteria: 270-290)
 - VetriThaw ES Thawing medium 2: 805-865 (release criteria: 805-850)
 - VetriThaw ES Thawing medium 3: 535-565
 - VetriThaw ES Thawing medium 4: 405-435
 - VetriThaw ES Thawing medium 5: 270-295 (release criteria: 270-290)
- Sterility test by the current Ph. Eur. 2.6.1. / USP <71>: no growth
- Endotoxins test by Limulus Lysate (LAL) methodology (USP <85>): < 0.25 EU/ml
- One-cell Mouse Embryo Assay (% blastocysts stage after 96 hours following a sequential exposure to the cooling and warming media) ≥ 80%
- Use of Ph Eur or USP grade products if applicable

Regulatory

Europe: CE-marked MDR

(Notified Body number 2797)

Brazil: registered

Other regions: information available upon request

Product order codes

VF_KIT1_ES VetriFreeze ES™ kit

VT_KIT1_ES VetriThaw ES™ kit

Storage

+2°C
+8°C
Store between 2-8°C

STERILE A

Sterilized using aseptic processing techniques



12 months from date of manufacture



Keep away from (sun)light

Quality is at the basis of everything we do

Quality is a philosophy

In order to be able to live up to our and your quality standards, we have literally designed our company from the ground up around one goal: providing the best possible quality every time, all the time.

This is reflected in everything that we do:

- the concept, design and implementation of the production sites in Beernem
- the people we employ
- training, validation and evaluation of our staff
- maintenance of our production facilities
- calibration and validation of the production and testing methods
- selection and storage of raw materials used in production
- packaging materials and methods
- in-production and end product testing
- labeling and technical information
- traceability of raw materials, intermediate and finished products
- storage and handling
- shipping and delivery
- pricing policy



Notes



FertiPro



ISO 13485
certified



MDSAP certified



EU-MDR approved
medical devices



EU-IVDR conform
diagnostics



FertiPro

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