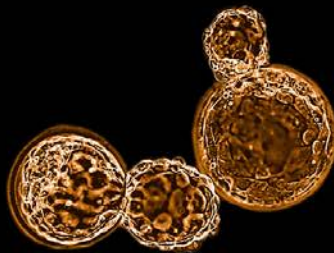
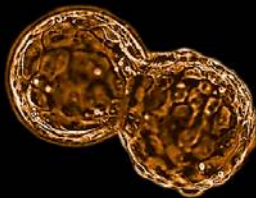


***Your partner in
semen analysis and
Assisted Reproductive
Technologies***




FertiPro



FertiPro

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.

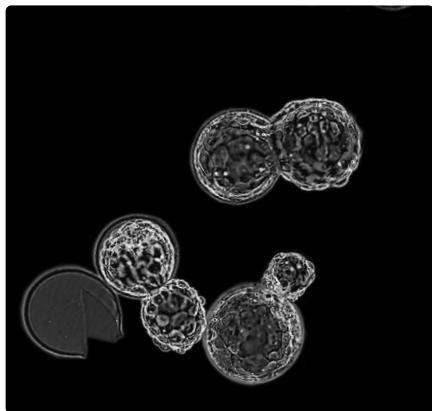
04-05

Semen analysis

Semen analysis is one of the cornerstones in the treatment of fertility problems and will in many cases determine the course of action in further fertility treatment. We offer a broad product range of diagnostics.

06-15





ART media

Cell culture media are widely used in laboratory procedures related to the treatment of human fertility problems. FertiPro manufactures a number of specifically developed cell culture media for each of these steps in the treatment of human infertility.

16-43

Training & Test center

(ISO 17025)

We welcome you to follow basic and advanced trainings in FertiPro's Training Center. By sharing our experiences, knowledge, skills and strengths, we are ready to help you where we can!

44-47



NEW to our range



Collection & storage media

Your resource for collection and storage solutions of primary human biomaterials for the assessment of DNA and RNA.

48-59



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 ISO13485 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.



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



Morphology

- 08 Spermac Stain

Immunology

- 09 SpermMar Test IgA & IgG

Vitality

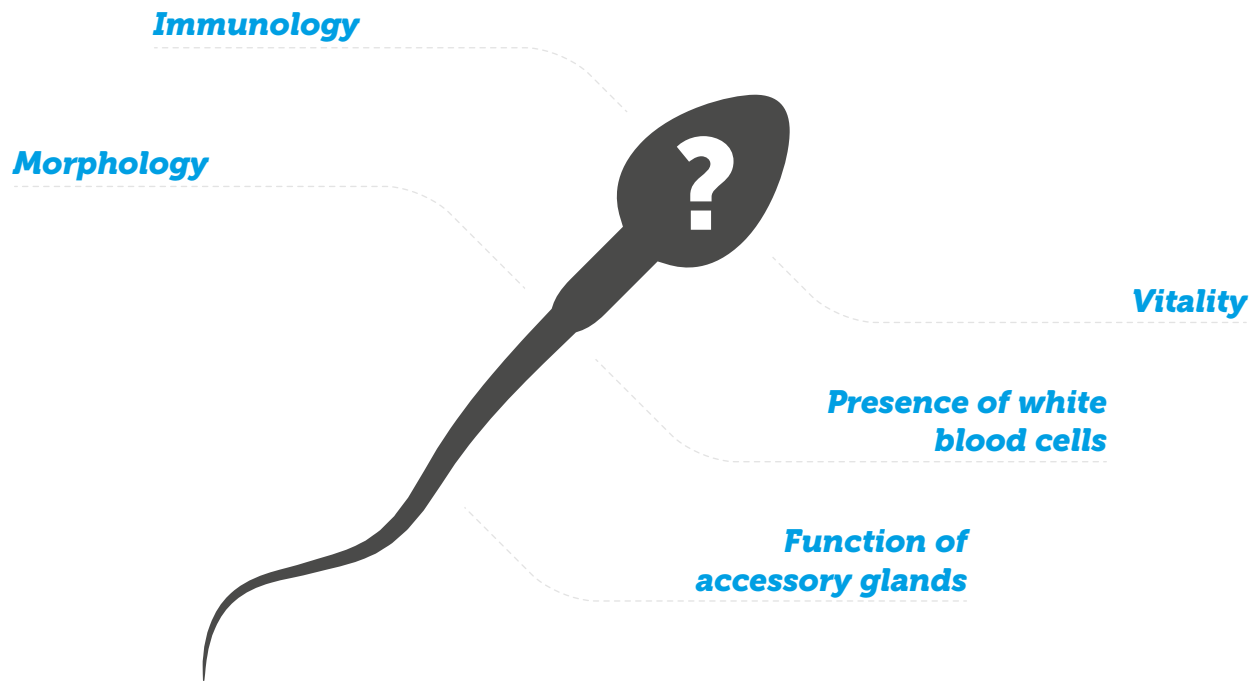
- 10 VitalScreen
- 11 Hypo-osmotic Swelling Test

Presence of white blood cells

- 12 LeucoScreen Plus

Function of accessory glands

- 13 Fructose Test
- 14 EpiScreen Plus



Semen analysis

product range diagnostics

Spermac Stain

Sperm morphology stain

Intended use

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

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



▶ **instruction
video**



Store between
2-25 °C



Stable until expiry date
specified on the label

Product order codes

Product code	Packaging information	
SPS050	Spermac Stain	4x 50ml
SPS250	Spermac Stain	4x 250ml

Product registration

Europe: **CE-marked according to IVDR**

USA: **US FDA cleared**

Canada: **Registered**

Brazil: **ANVISA registered**

Australia: **ARTG listed**

Information on other regions is available upon request.

SpermMar Test IgA & IgG

Test for the detection of antisperm antibodies

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).

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. Antisperm 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



Product order codes

Product code	Packaging information	
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 registration

Europe: **CE-marked according to IVDR**
(Notified Body number 2797)

USA: **US FDA cleared**

Canada: **Health Canada Licence**

Brazil: **ANVISA registered**

Australia: **ARTG listed**

Information on other regions is available upon request.

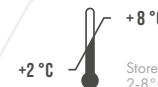
*The complete kit contains pipettes and glassware to perform the test.

instruction ▶
video

IgA



IgG



Store between
2-8°C



IgA: 12 months - IgG: 18 months
from date of production

VitalScreen

Sperm vitality test

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.

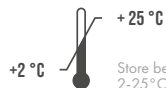
General information

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



▶ **instruction
video**



Store between
2-25 °C



24 months from date of
production



Product order codes

Product code

VITAL

Packaging information

VitalScreen

Product registration

Europe: **CE-marked according to IVDR**

USA: **US FDA cleared**

Canada: **Registered**

Brazil: **ANVISA registered**

Australia: **ARTG listed**

Information on other regions is available upon request.

Hypo-osmotic Swelling Test

Sperm vitality test

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).

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



Product order codes

Product code	Packaging information
HOST	Hypo-osmotic Swelling Test 5x 20ml

Product registration

Europe: **CE-marked according to IVDR**
(Notified Body number 2797)

USA: **US FDA cleared**

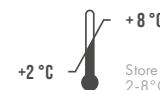
Canada: **Health Canada Licence**

Brazil: **ANVISA registered**

Australia: **ARTG listed**

Information on other regions is available upon request.

instruction 
video



Store between
2-8 °C



12 months from date of
production

LeucoScreen Plus

Leucocyte staining method

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.

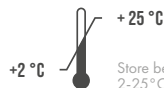
General information

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



▶ **instruction
video**



Store between
2-25 °C



12 months from date of
production



Product order codes

Product code

LEUCO_PLUS

Packaging information

LeucoScreen Plus

Product registration

Europe: **CE-marked according to IVDR**
(Notified Body number 2797)

USA: **US FDA cleared**

Canada: **Registered**

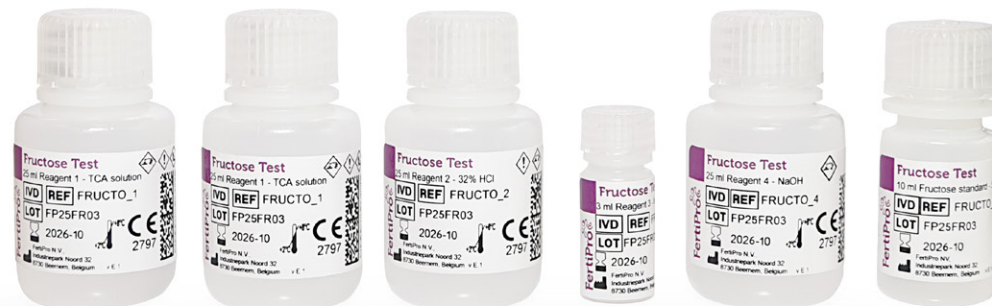
Brazil: **ANVISA registered**

Australia: **ARTG listed**

Information on other regions is available upon request.

Fructose Test

Kit for the determination of fructose in seminal plasma/semen



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).

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

Product registration

Europe: **CE-marked according to IVDR**
(Notified Body number 2797)

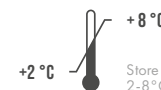
Australia: **ARTG listed**

Information on other regions
is available upon request.

Product order codes

Product code	Packaging information
FRUCTO	Fructose Test

instruction  video



Store between
2-8 °C



12 months from date of
production

EpiScreen Plus

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

Intended use

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



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 dysfunction)

For professional use only



+2 °C

+8 °C

Store between
2-8 °C



24 months from date of
production

Product registration

Europe: CE-marked according to IVDR
(Notified Body number 2797)

Australia: ARTG listed

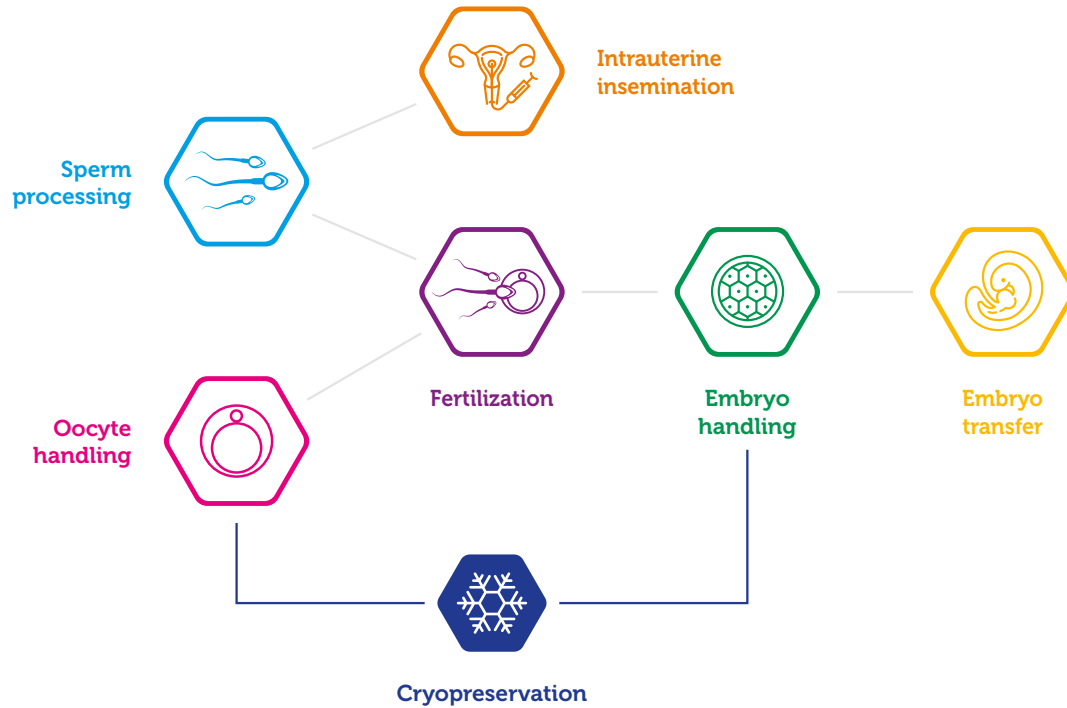
*Information on other regions
is available upon request.*

Product order codes

Product code	Packaging information
EPI_PLUS	EpiScreen Plus

instruction ▶
video







Sperm processing

Washing/swim-up

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

Density gradient separation

- 20 Sil-Select Plus
- 22 Sil-Select Stock

Sperm processing for ICSI

- 24 10% PVP in FertiCult Flushing medium



Embryo handling

Embryo washing

- 18 FertiCult Flushing medium

Embryo culture

- 30 GAIN medium

Culture overlay

- 32 FertiCult Mineral Oil
- 32 FertiCult High Viscosity Oil



Oocyte handling

Washing

- 18 FertiCult Flushing medium
- 26 FertiCult Aspiration medium

Pick-up

- 26 FertiCult Aspiration medium

Denudation

- 27 Hyaluronidase in FertiCult Flushing medium

Oocyte incubation

- 28 FertiCult IVF medium
- 30 GAIN medium



Intrauterine insemination

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



Embryo transfer

- 18 FertiCult Flushing medium
- 30 GAIN medium



Cryopreservation media

Sperm cryopreservation

- 34 SpermFreeze Box
- 36 SpermFreeze (SSP)

Oocyte cryopreservation

- 37 FertiVit Cooling/ FertiVit Warming

Embryo cryopreservation

- 37 FertiVit Cooling/ FertiVit Warming
- 38 VitriFreeze/ VitriThaw
- 40 VitriFreeze ES/ VitriThaw ES
- 42 **NEW** InstantCool/ InstantWarm



Fertilization

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

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).

For professional use only



+ 8 °C / + 25 °C

Store between 2-25 °C
or 2-8 °C for the products
containing gentamicin



18 months from date of
production

STERILE | A

Sterilized using aseptic
processing techniques

Product specifications

pH: 7.30-7.90
Osmolality: 270-290 mOsm/kg
Endotoxins: <0.25 EU/ml
Sterility test: No growth
One-cell mouse embryo assay: ≥ 80%
Human sperm survival assay: ≥ 80%

Product registration

Europe: CE marked according to MDR (Notified Body number 2797)
Canada: Health Canada Licence
Brazil: ANVISA registered
USA: US FDA cleared

Information on other regions is available upon request.

Product order codes

Product code	Packaging information
FertiCult™ Flushing medium	
FLUSH020	5 x 20ml
FLUSH050	5 x 50ml
FLUSH100	3 x 100ml
FertiCult™ Flushing medium with phenol red	
FLUSH02OPHR	5 x 20ml
FLUSH05OPHR	5 x 50ml
FLUSH100PHR	3 x 100ml
FLUSH500PHR	1 x 500ml
FertiCult™ Flushing medium with phenol red and gentamicin	
FLUSH02OPRG	5 x 20ml
FLUSH05OPRG	5 x 50ml
FLUSH100PHR_G	3 x 100ml
FLUSH500PHR_G	1 x 500ml
Sil-Select Plus™ Sperm Washing / Insemination medium	
WASH005	25 x 5ml
WASH020	5 x 20ml
Sil-Select Plus™ Sperm Washing / Insemination medium with gentamicin	
WASH100G	1 x 100ml
Sil-Select Plus™ Sperm Washing / Insemination medium with phenol red and gentamicin	
WASH005PRG	25 x 5ml



Sil-Select Plus

Sperm preparation media

Intended use

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

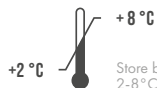
The following gradients are available:

- 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



Store between
2-8 °C



18 months from date of
production

STERILE A

Sterilized using aseptic
processing techniques

Product specifications

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

pH: **7.20-7.90**

Osmolality: **280-310 mOsm/kg (Upper layer)**

290-330 mOsm/kg (Lower layer)

290-330 mOsm/kg (80%)

Density: **1.0500-1.0700 g/ml (Upper layer)**

1.1050-1.1150 g/ml (Lower layer)

1.097-1.1070 g/ml (80%)

Endotoxin: **< 0.5EU/ml**

Sterility: **No growth**

Human sperm survival assay:
(4 hours exposure) **≥ 80%**

Human sperm survival assay:
(24 hours exposure) **≥ 75%**

One-cell mouse embryo assay: **×**

Sil-Select Plus Sperm Washing/Insemination medium

pH: **7.30-7.90**

Osmolality: **270-290 mOsm/kg**

Sterility: **No growth**

Endotoxin: **< 0.25EU/ml**

One-cell mouse embryo assay: **≥ 80%**

Human sperm survival assay: **≥ 80%**

Product registration

Europe: **CE-marked (IVDR)**
(Notified Body number 2797)

Canada: **Health Canada licence**

Brazil: **ANVISA registered**

USA: **US FDA cleared**

Information on other regions is available upon request.

Product order codes

Product code	Packaging information	
SIP008	Sil-Select Plus™ Lower layer	8 x 2.5ml
	Sil-Select Plus™ Upper layer	8 x 2.5ml
	Sil-Select Plus™ Sperm Washing/Insemination medium	8 x 5ml
SIP016	Sil-Select Plus™ Lower layer	2 x 20ml
	Sil-Select Plus™ Upper layer	2 x 20ml
	Sil-Select Plus™ Sperm Washing/Insemination medium	5 x 20ml
SIP020	Sil-Select Plus™ Lower layer	1 x 20ml
	Sil-Select Plus™ Upper layer	1 x 20ml
SIP050	Sil-Select Plus™ Lower layer	1 x 50ml
	Sil-Select Plus™ Upper layer	1 x 50ml
SIP100	Sil-Select Plus™ Lower layer	1 x 100ml
	Sil-Select Plus™ Upper layer	1 x 100ml
SIP020LO	Sil-Select Plus™ Lower layer	5 x 20ml
SIP020UP	Sil-Select Plus™ Upper layer	5 x 20ml
SIP025LO	Sil-Select Plus™ Lower layer	25 x 2.5ml
SIP025UP	Sil-Select Plus™ Upper layer	25 x 2.5ml
SIP80_050	Sil-Select Plus™ 80%	1 x 50ml
SIP80_100	Sil-Select Plus™ 80%	1 x 100ml



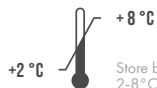
Sil-Select Stock

Sperm preparation media

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 IntraCytoplasmic Sperm Injection (ICSI).

For professional use only



Store between
2-8 °C



18 months from date of
production



Sterilized using aseptic
processing techniques

Product specifications

pH:	7.20-7.90
Osmolality:	300-330 mOsm/kg
Density:	1.1150-1.1250 g/ml
Endotoxin:	< 0.5EU/ml
Sterility:	No growth
Human sperm survival assay (4h exposure):	≥ 80%
Human sperm survival assay (24h exposure):	≥ 75%
One-cell mouse embryo assay:	×

Product registration

Europe:	CE marked according to MDR (Notified Body number 2797)
USA:	US FDA Cleared
Canada:	Health Canada Licence
Brazil:	ANVISA registered
<i>Information on other regions is available upon request.</i>	

Product order codes

Product code	Packaging information	
SIS100	Sil-Select Stock™	1 x 100ml
SIS500	Sil-Select Stock™	1 x 500ml
SIS100_32G	Sil-Select Stock™ with gentamicin	1 x 100ml



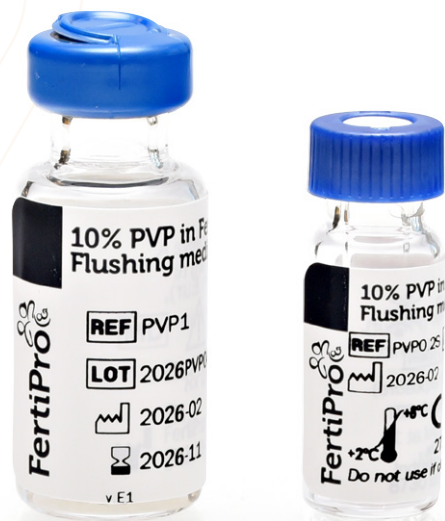
10% PVP in FertiCult Flushing medium

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



Store between
2-8 °C



9 months from date of
production

STERILE A

Sterilized using aseptic
processing techniques



Product specifications

pH:	7.20-7.90
Osmolality:	280-340 mOsm/kg
Viscosity:	>170 cP at 25 °C
Endotoxin:	< 0.5EU/ml
Sterility:	No growth
One-cell mouse embryo assay:	≥ 80%
Human sperm survival assay:	≥ 80%

Product registration

Europe:	CE marked according to MDR (Notified Body number 2797)
Canada:	Health Canada Licence
Brazil:	ANVISA registered
<i>Information on other regions is available upon request.</i>	

Product order codes

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



FertiCult Aspiration medium

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

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



Product order codes

Product code	Packaging information	
ASPI020	FertiCult Aspiration medium	5 x 20ml
ASPI100	FertiCult Aspiration medium	5 x 100ml

Product specifications

pH:	7.30-7.90
Osmolality:	270-290 mOsm/kg
Endotoxin:	< 0.25EU/ml
Sterility:	No growth

Product registration

Europe:	CE marked according to MDR (Notified Body number 2797)
Canada:	Health Canada Licence
Brazil:	ANVISA registered

One-cell mouse embryo assay: ≥ 80%

Information on other regions is available



Store between 2-25 °C



18 months from date of production



Sterilized using aseptic processing techniques

Hyaluronidase in FertiCult Flushing medium

Hyaluronidase solution

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



Product order codes

Product code	Packaging information
HYA001	Hyaluronidase in FertiCult Flushing medium 5 x 1ml
HYA010	Hyaluronidase in FertiCult Flushing medium 1 x 10ml

Product specifications

pH: 7.30-7.90
Osmolality: 270-290 mOsm/kg
Endotoxin: < 0.5 EU/ml
Sterility: No growth

Product registration

Europe: CE marked according to MDR (Notified Body number 2797)
Canada: Health Canada Licence
Brazil: ANVISA registered

One-cell mouse ≥ 80%
embryo assay:



Store between
2-8°C



12 months from date of
production



Sterilized using aseptic
processing techniques

Information on other regions is available upon request.



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 IntraCytoplasmic Sperm Injection (ICSI) (until 2PN).

For professional use only



+ 8 °C / + 25 °C

Store between 2-25 °C
or 2-8 °C for the products
containing gentamicin



12 months from date of
production

STERILE | A

Sterilized using aseptic
processing techniques

Product specifications

pH: 7.20-7.50 (37 °C - 6% CO ₂)
Osmolality: 270-290 mOsm/kg
Endotoxins: < 0.25EU/ml
Sterility test: No growth
One-cell mouse embryo assay: ≥ 80%

Product registration

Europe: CE marked according to MDR (Notified Body number 2797)
Brazil: ANVISA registered
<i>Information on other regions is available upon request.</i>

Product order codes

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



GAIN medium

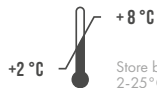
Cell culture media for use in human ART

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 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 Cytoplasmatic Sperm Injection (ICSI).
- For embryo culture from day 1 to expanded blastocyst stage.
- For embryo transfer (ET).

For professional use only



Store between
2-25 °C



12 months from date of
production

STERILE A

Sterilized using aseptic
processing techniques



Product specifications

pH: 7.20-7.45 (37 °C, 5% CO₂)

Osmolality: 270-290 mOsm/kg

Endotoxin: < 0.25EU/ml

Sterility: No growth

One-cell mouse embryo assay: ≥ 80%

Human sperm survival assay: ≥ 80%

Product registration

Europe: CE marked according to MDR
(Notified Body number 2797)

Brazil: ANVISA registered

Information on other regions is available upon request.

Product order codes

Product code	Packaging information	
GAIN010	GAIN™ medium	1 x 10ml
		5 x 10ml
GAIN020	GAIN™ medium	1 x 20ml
		5 x 20ml



FertiCult Mineral Oil - FertiCult High Viscosity Oil

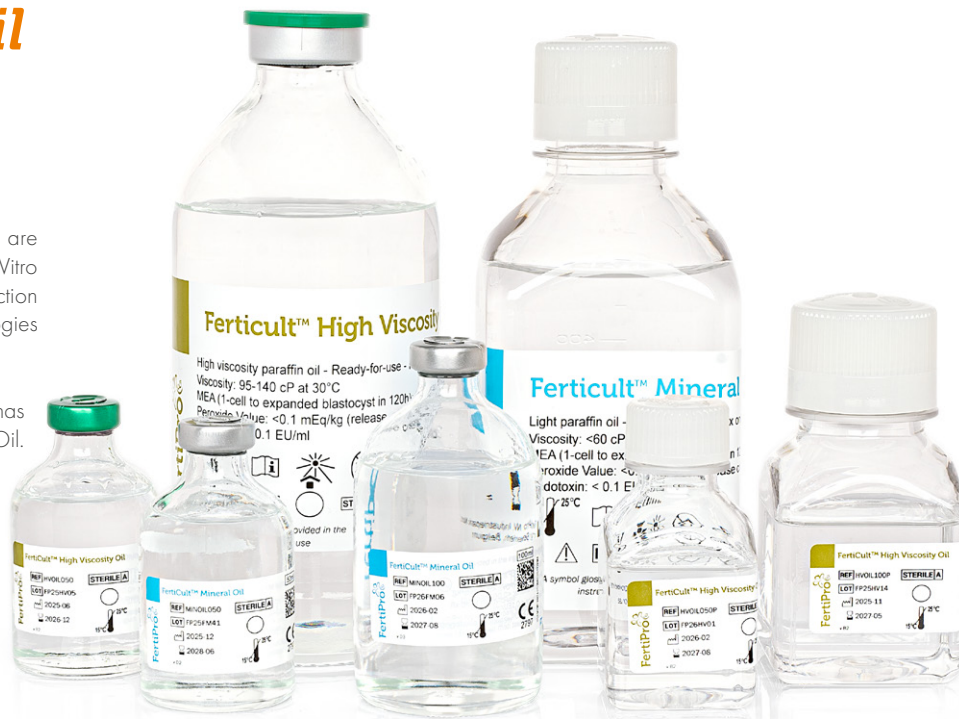
Pre-washed mineral oils

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.

For professional use only



Store between
15-25°C



18 months from date of
production



Sterilized using aseptic
processing techniques

Product specifications

FertiCult Mineral Oil	FertiCult High Viscosity Oil
Density: 0.83-0.86g/ml	0.86-0.88g/ml
Viscosity: < 60cP at 30 °C	95-140cP at 30 °C
Endotoxin: < 0.1EU/ml	< 0.1EU/ml
Peroxide Value (POV): < 0.06mEq/kg	< 0.06mEq/kg
Sterility: No growth	No growth
One-cell Mouse embryo assay %: ≥ 80%	≥ 80%
Use of pharmaceutical grade mineral (paraffin)oil: ✓	✓

Product registration

Europe: CE marked according to MDR (Notified Body number 2797)
USA: US FDA Cleared
Brazil: ANVISA registered
Canada: Health Canada Licence

Information on other regions is available upon request.

Product order codes

Product code	Packaging information	
FertiCult™ Mineral Oil		
MINOIL050	1 x 50ml	GLASS
MINOIL100	1 x 100ml	
MINOIL500	1 x 500ml	
MINOIL050P	1 x 50ml	PETG bottle
MINOIL100P	1 x 100ml	
MINOIL500P	1 x 500ml	
FertiCult™ High Viscosity Oil		
HVOIL050	1 x 50ml	GLASS
HVOIL100	1 x 100ml	
HVOIL500	1 x 500ml	
HVOIL050P	1 x 50ml	PETG bottle
HVOIL100P	1 x 100ml	
HVOIL500P	1 x 500ml	

Stricter release criteria

To provide its customers the best possible quality products, FertiPro has validated a method to accurately measure peroxide values (POVs) in Oil that are lower than the commonly accepted specification of 0.1 mEq/kg. This made it possible to set strict **POV criteria at release of < 0.06mEq/kg for FertiCult™ Mineral Oil and FertiCult™ High Viscosity Oil.**



SpermFreeze Box

Intended use

This robust, thick-walled and durable box provides a safe manner to work with liquid nitrogen. Thanks to the floater and/or insert, it ensures a standardized height in the liquid nitrogen vapour phase of your sperm freezing straws or cryovials.

For professional use only



Product specifications

Material:	100% expanded polypropylene
Dimensions:	342 x 264 x 188 mm

Product registration

Europe: **CE-marked according to MDR (class I)**

Product order codes

Product code	Packaging information
SPF_BOX	SpermFreeze Box with SpermFreeze Floater (can hold 15 straws)
SPF_FLOATER_STR	SpermFreeze Box floater for straws
SPF_VIAL	SpermFreeze Box insert for vials

Storage

The SpermFreeze Box can be used multiple times, is washable (dishwasher) and disinfectable (using disinfectants standardly used in an ART lab)



SpermFreeze - SpermFreeze SSP

Medium for freezing human spermatozoa

Intended use

SpermFreeze and SpermFreeze SSP are media for cryopreservation of human sperm for further use in Assisted Reproductive Technologies. SpermFreeze can also be used for the cryopreservation of sperm from testicular biopsies (TESE).

For professional use only



+2 °C  +8 °C
Store between 2-8 °C


18 months from date of production

STERILE A
Sterilized using aseptic processing techniques

Product specifications

pH: 7.20 – 7.90
Sterility: No growth
Endotoxin: < 0.25EU/ml
Human sperm survival assay: ≥ 80%
One-cell mouse embryo assay: ×

Product registration

Europe: CE marked according to MDR (Notified Body number 2797)
USA: US FDA Cleared
Canada: Health Canada Licence
Brazil: ANVISA registered
<i>Information on other regions is available upon request.</i>

Product order codes

Product code	Packaging information
SpermFreeze™	
SPF05	25 x 5ml
SPF	5 x 20ml
SpermFreeze™ SSP	
SSP001	5 x 1 ml

instruction  video



FertiVit Cooling - FertiVit Warming

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

Intended use

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

For professional use only



Store between
2-8 °C

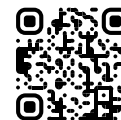


12 months from date of
production



Sterilized using aseptic
processing techniques

instruction
video ▶



Product specifications

pH:	7.20-7.50
Endotoxin:	< 0.25 EU/ml
Sterility:	No growth
One-cell mouse embryo assay:	≥ 80%
Osmolality (mOsm/kg):	Pre-incubation / Warming 6: 270-295 Warming 3: 805-865 Warming 4: 535-565 Warming 5: 405-435

Product registration

Europe: CE marked according to MDR
(Notified Body number 2797)

Brazil: ANVISA registered

Information on other regions is available upon request.

Product order codes

Product code	Packaging information
FVC_KIT	FertiVit™ Cooling kit
FVW_KIT	FertiVit™ Warming kit



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



Store between
2-8 °C



12 months from date of
production



Sterilized using aseptic
processing techniques



Product specifications

pH: 7.20-7.40

Osmolality (mOsm/kg): **VitriFreeze Pre-incubation: 270-295**

VitriThaw Thawing 1: 805-865

VitriThaw Thawing 2: 535-565

VitriThaw Thawing 3: 405-435

VitriThaw Thawing 4: 270-295

Sterility: **no growth**

Endotoxins: **< 0.25 EU/ml**

One-cell mouse embryo assay: **≥ 80%**

Product registration

Europe: **CE marked according to MDR
(Notified Body number 2797)**

USA: **US FDA Cleared**

Information on other regions is available upon request.

Product order codes

Product code

VF_KIT1

VT_KIT1

Packaging information

VitriFreeze™ kit

VitriThaw™ kit



The image shows a row of nine vials. The first four vials have blue caps and labels for FertiPro® Vitrifreeze ESTM. The fifth vial has a green cap and label for FertiThaw ESTM. The last five vials have green caps and labels for FertiPro® Vitrithaw ESTM. Each vial contains a white substance and has a label with product information, lot number, expiration date, and a 'STERILE A' status.

Product specifications

pH: 7.20-7.40

Osmolality (mOsm/kg): **VitriFreeze ES** Pre-incubation: 270-295

VitriThaw ES Thawing 2: 805-865

VitriThaw ES Thawing 3: 535-565

VitriThaw ES Thawing 4: 405-435

VitriThaw ES Thawing 5: 270-295

Sterility: **no growth**

Endotoxins: **< 0.25 EU/ml**

One-cell mouse embryo assay: **≥ 80%**

Product registration

Europe: **CE marked according to MDR**
(Notified Body number 2797)

Brazil: **ANVISA registered**

Information on other regions is available upon request.

Product order codes

Product code	Packaging information
VF_KIT1_ES	VitriFreeze ES™ kit
VT_KIT1_ES	VitriThaw ES™ kit



InstantCool - InstantWarm

Coming soon

CE-marking under review

Intended use

InstantCool and InstantWarm are a set of media for vitrification and thawing of human embryos (morula to expanded blastocyst stage).

For professional use only



Store between
2-8 °C



12 months from date of
production

STERILE | A

Sterilized using aseptic
processing techniques

Significantly reduce your lab workflow!

Protocol to follow with InstantCool/ InstantWarm:

From start to finish
in only 4 minutes

COOLING 1

key component

10% DMSO / 10% EG

2 min

COOLING 2

key component

20% DMSO / 20% EG

1 min

WARMING

key component

0.5M SUCROSE

1 min
at 37 °C





Training Center

We welcome you to our IVF-lab, which is equipped with state-of-the-art professional equipment.

By offering knowledge-based basic and advanced hands-on training for people involved in sales of ART products, lab technicians and embryologists, we share our experience, knowledge, skills and strengths in the ART world.



Our trainings

Basic Semen Analysis (1 day)

Basic Semen Analysis Plus (2 days)

Basic IVF Training (2 days)

ICSI Training (1 day)

Cryo Preservation (1 day)

Quality Control in the IVF lab (1 day)

Trainings are conducted in English.
A certificate is provided upon
successful completion.

For more information
on our training programs contact:

 training@fertipro.com



ISO 17025 accredited test lab



FertiPro is ISO 17025 accredited as test laboratory to perform mouse embryo assays (MEA) and human sperm survival assays (HSSA) for toxicity screening of your ART-raw materials, culture media and consumables.

Overview of our tests

Mouse embryo assay (MEA)

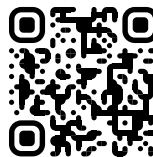
One-cell embryos harvested from hybrid mice are exposed to and/or cultured in your test item. Subsequently, development until the blastocyst stage at 96 or 120 hours is being monitored.

Human sperm survival assay (HSSA)

Fresh human sperm is exposed to your test item for a defined period. Subsequently, sperm motility is determined based on the WHO classification system.

For more information and test requests

 test@fertipro.com



Or visit our site.



collection, transport and storage solutions
for primary biomaterials for (in vitro diagnostic)
testing on DNA and RNA

transport & storage

- 50 InActiv Blue®
- 52 DRD Blood™
- 54 DNA/RNA Defend™ (DRD)
- 56 Nuclease-free water™

collection

- 58 Blue Collect™

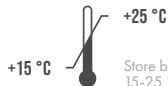




InActiv Blue®

is a virus inactivating and RNA stabilizing transport medium for molecular analyses including RT-qPCR.

The medium is perfect for preservation of swabs and saliva before testing.



Store between
15-25 °C



24 months from date of
production



product performance

- ✚ stabilizes DNA and RNA for up to 30 days at RT, resistance to freeze-thaw cycles
- ✚ highly effective inactivation of viruses, bacteria, fungi

sample type

- ✚ upper respiratory specimens (swab/saliva)

other

- ✚ developed in-house and validated by several clinical labs
- ✚ millions of tubes sold to the Belgian government during the COVID-19 pandemic
- ✚ contains guanidine thiocyanate
- ✚ CE-IVDR
- ✚ US FDA approved

Product order codes

Product code

IB_TUB

Packaging information

InActiv Blue® (2 mL) - (50 or 1200 pcs)



DRD Blood™

With the growing demand for blood-based gene expression analysis in research and clinical studies, ensuring RNA integrity in blood samples is more important than ever.

DRD Blood™ is a solution designed to preserve RNA at the highest quality levels – bringing you robust data you can trust.



+25 °C

Store between
15-25 °C



18 months from date of
production



"Aging is one of the major challenges of the 21st century. Including blood RNA analysis is a pivotal advancement for our large-scale population study. It enables molecular-level insights essential to unraveling the mechanisms behind healthy aging. The RNA-stabilizing blood tube from InActiv Blue offers innovative technology that supports our goals, ensuring high-quality samples for robust research outcomes."

*Prof. M. De Boevre
coordinator of GLORIA-GEZONDHEIDSMONITOR study*

product performance

-  stabilizes RNA for 30 days at 4 °C and 3 days at 25 °C
-  resistant to at least 5 freeze-thaw cycles
-  RNA integrity for 3 days at 4 °C and 1 day at 25 °C

sample type

-  venous blood (5 mL vacuum tube for collection of 1 mL blood)

other

-  superior stability, ease of use
-  CE-IVDR certification
-  compatible RNA extraction methods
 - miRNeasy Micro (Qiagen)
 - VAMNE Magnetic Cell/Tissue Total RNA Kit (Vazyme)

Product order codes

Product code

DRDB_01

Packaging information

DRD Blood™ venous blood (prefilled with 3 mL) - (50 or 1200 pcs)



DNA/RNA Defend™ (DRD)

a guanidine-based medium for pathogen inactivation, stabilization of DNA and RNA, and lysis of biological samples. Requires nucleic acid extraction.

DRD is the preferred choice for non-human use.



Store between
2-25 °C



24 months from date of
production

strongly recommended to first test the sample type / protocol of interest with DRD™

*the instructions for use provides several suggested methods
for testing for suitability in your system*

product performance

- ✎ the same medium as CE-IVDR InActiv Blue® but without the blue dye and filled in a PETG bottle
- ✎ the uses of RUO DRD™ are broader
- ✎ strong lysis buffer
- ✎ strong pathogen inactivation which makes your sample safe

other

- ✎ quality controls on each produced batch:
 - chemical composition review
 - appearance
 - other quality controls on request
- ✎ MSDS on website
- ✎ COA per batch available on request

Product order codes

Product code	Packaging information
DRD_0030	DNA/RNA Defend™ - PETG bottle - (30 mL)
DRD_0125	DNA/RNA Defend™ - PETG bottle - (125 mL)
DRD_0500	DNA/RNA Defend™ - PETG bottle - (500 mL)
DRD_1000	DNA/RNA Defend™ - PETG bottle - (1000 mL)



Nuclease-free water™

To prevent loss of DNA and RNA in samples, it is essential to use ultrapure (type 1), nuclease-free water in applications such as PCR, cDNA synthesis, nucleic acid purification, sequencing, cloning and applications in molecular biology and (stem) cell culture.



+25 °C

Store between
2-25 °C



24 months from date of
production

product performance

- deionized ultrapure water, sterile filtered and compliant with Ph. Eur. Monograph 0008
- DNase and RNase-free
- free of mycoplasmas
- subject to stringent quality controls batch related to guarantee absence of DNase/ RNase activity, endotoxins and micro-organisms

other

- quality controls on each produced batch:
 - before filtration:
 - bioburden (limits: CFU/L conform EP 0008)
 - conductivity (limits: CFU/L conform EP 0008)
 - TOC (limits: < 0.5 ppm)
 - nitrates (limits: < 0.2 ppm NO₃)
 - appearance
 - quality controls on final product:
 - sterility test (limits: no growth)
 - DNase / RNase activity (limits: no detected activity in fluorometric assay)
 - endotoxins (limits: < 0.25 EU/mL)
- MSDS on website
- COA per batch available on request

Product order codes

Product code	Packaging information
NFW_0100	Nuclease-free water - PETG bottle - (100 mL)
NFW_1000	Nuclease-free water - PETG bottle - (1000 mL)



Blue Collect™

Blue Collect™ is a CE-IVD marked device for self-collection of saliva for downstream laboratory analyses.

product performance

- simple device to collect saliva, also suitable for children
- convenient design for self sampling
- easy visualization of the required saliva volume
- designed to collect 1.3 mL saliva
- inert material: no inhibition of qPCR
- more patient-friendly than a swab

**Product order codes****Product code**

IB_CD01

Packaging information

Blue Collect™ - (10 or 50 pcs)



ISO 13485
certified



MDSAP certified



EU-MDR approved
medical devices



EU-IVDR conform
diagnostics



ISO 17025
accredited as MEA
& HSSA test lab



FertiPro NV
Industriepark Noord 32
B-8730 Beernem
Belgium

tel. +32 (0)50 79 18 05

fax +32 (0)50 79 17 99

info@fertipro.com

www.fertipro.com



Subscribe
to our
newsletter