

CONSUMABLES RECOMMENDATIONS

Introduction:

The following document outlines our recommended consumables which have been tested and approved by our Scientific Advisor, Dr Stroebech. Please contact our team (support@ivfbioscience.com) with any questions you may have regarding consumables.

Cleaning:

Product	Manufacturer	Description	Code	Purpose
Kombipure	K4Technology ApS	Concentrated alcohol-free disinfectant and cleaner, dilution: 1:100	319001	For end of day cleaning of workstations (not during oocyte/semen/embryo handling).
Kelmech RU	K4Technology ApS	Ready to use surface disinfectant, alcohol-free (50 ml pump-spray).	215001	For end of day cleaning of workstations (not during oocyte/semen/embryo handling).
Mesoft non-woven	Mediq	Non-sterile	4240444	For the hygienic handling of slaughterhouse ovaries.
Finess Cellstoff	Kruuse	Cell dust unbleached 40 x 60 cm	161255	Tissue for cleaning workstations.

Quality Control:

Product	Manufacturer	Description	Code	Purpose
G100 Gas Analyzer	Viasensor	CO ₂ and O ₂ verification	G100	Incubator environment verification device.

Pipettes and Tips:

Product	Manufacturer	Description	Code	Purpose
Pasteur pipette	VWR	LDPE, disposable, sterile, 7 ml capacity, suction volume 3.5 ml	612-1747	Pipette for aspirating supernatants.
1- 200 µl filter tips	LABSOLUTE	Sterile filter tips with aerosol barriers	7695904	Pipette tips for micropipette.
2- 20 µl filter tips	LABSOLUTE	Sterile filter tips with aerosol barriers	7695902	Pipette tips for micropipette.
50- 1000 µl filter tips	LABSOLUTE	Sterile filter tips with aerosol barriers	7695905	Pipette tips for micropipette.
Denudation pipette tip	Gynetics	Pipette for oocyte manipulation size 135 µm. Fits EZ-grip	#3000 Strip-ID135/10	Pipette tips for removing cumulus cells following fertilisation.

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Tubes:

Product	Manufacturer	Description	Code	Purpose
15 ml centrifuge tube	Fisher scientific	Conical, Polypropylene, graduated, RNase/DNase free, Pyrogen/Endotoxin/Cytotoxic free, Sterile	1175507 5	Centrifuge tube for bovine semen preparation.
14 ml tube	Oosafe®	MEA tested, sterile. Round bottom.	OOPW-OT10	Centrifuge tube for equine semen preparation. Round bottom with a larger surface is important to quickly eliminate ROS.
50 ml centrifuge tube	Fisher Scientific	Conical, Polypropylene, graduated, RNase/DNase free, Pyrogen/Endotoxin/Cytotoxic free, Sterile	1151230 3	Container for collecting follicular fluid and COCs.
Sonication tube	Active Motif	Polystyrene plastic	53071	Plastic tube for maturing oocytes during maturation using BO-HEPES-IVM.
Glass vial	VWR	Glass, 1 ml volume	NSCAC40 15-96	Glass tube for maturing oocytes during maturation using BO-HEPES-IVM.
10 / 11 ml centrifuge tubes	Fisher Scientific	Polystyrene, conical, CE marked, max RCF: 3,000x g, sterile, white lid	1070743 1	Tube for denudation via vortexing.

Dishes:

Product	Manufacturer	Description	Code	Purpose
IVF Petri dish	Thermo Scientific	35 mm, volume 3 ml, culture area 8.8 cm ² , sterile, MEA-tested	150255	Embryo and gamete safe plasticware for rinsing in media between steps.
IVF Petri dish	Thermo Scientific	Dia 88mm, volume 5ml, culture area 56.7 cm ² , sterile, MEA-tested	150360	Gamete safe plasticware for searching for COCs following aspiration.
ICSI dish	Thermo Scientific	Dia 51mm, true flat bottom, sterile, MEA-tested	150265	Embryo and gamete safe plasticware for ICSI (equine).
4-Well Plate (4WP)	Thermo Scientific	Treated dish, FDA cleared, according to Medical Devices Directive 93/42/EEC, based on a 1-cell stage mouse embryo toxicity test, Sterility (SAL 10e ⁶), meets USP Class VI requirements. CE marked	144444	4-Well IVF approved dish for maturation, fertilisation and culture.

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Ovary Aspiration:

Product	Manufacturer	Description	Code	Purpose
Sodium Chloride 0.9% (salt water)	Mediq	Sterile	0822100	For washing and holding the collected ovaries prior to aspiration.
18G needle	VWR	18G X1 ½ 40 mm length, pink	613-2019	For the aspiration of COCs and follicular fluid.