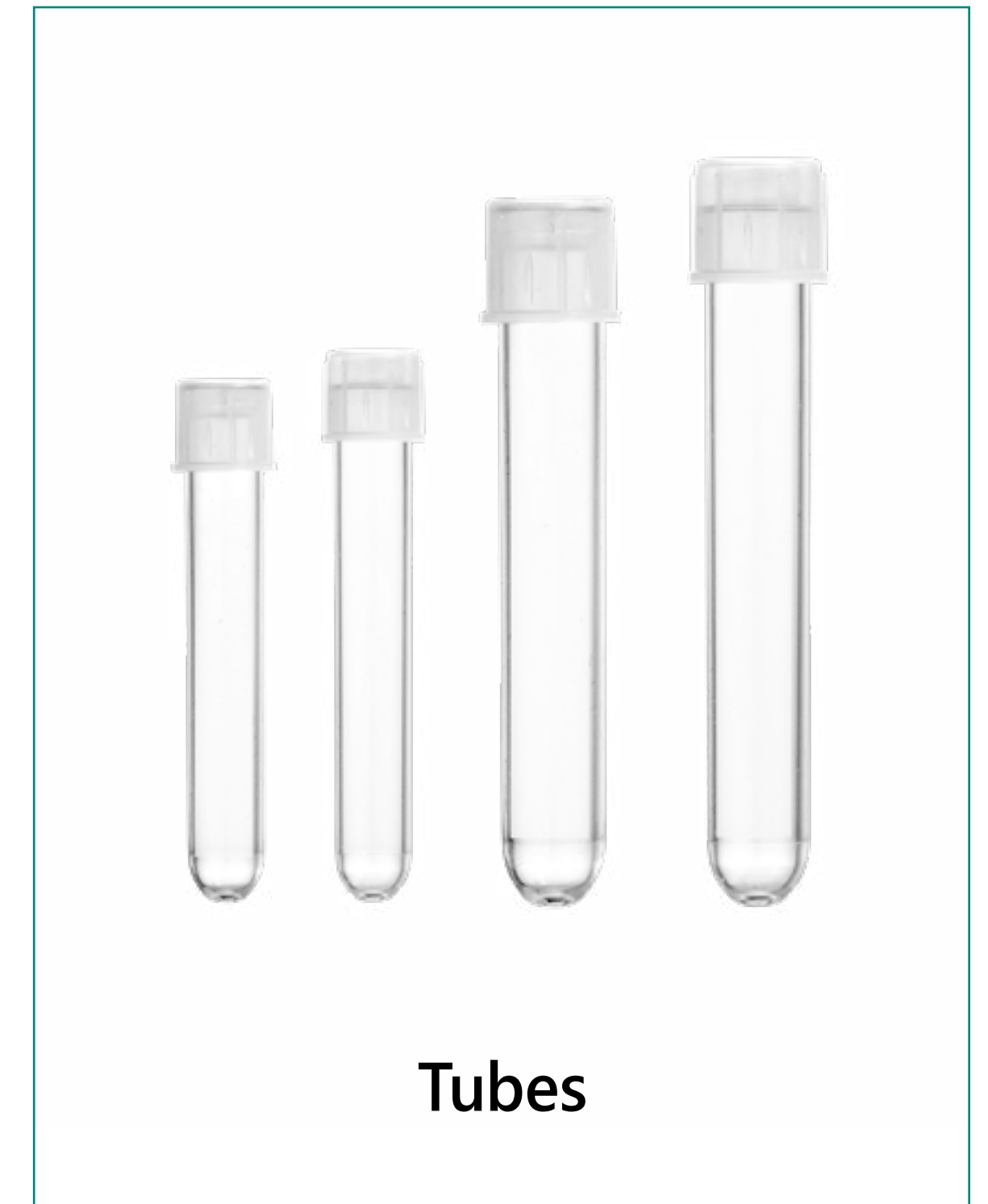
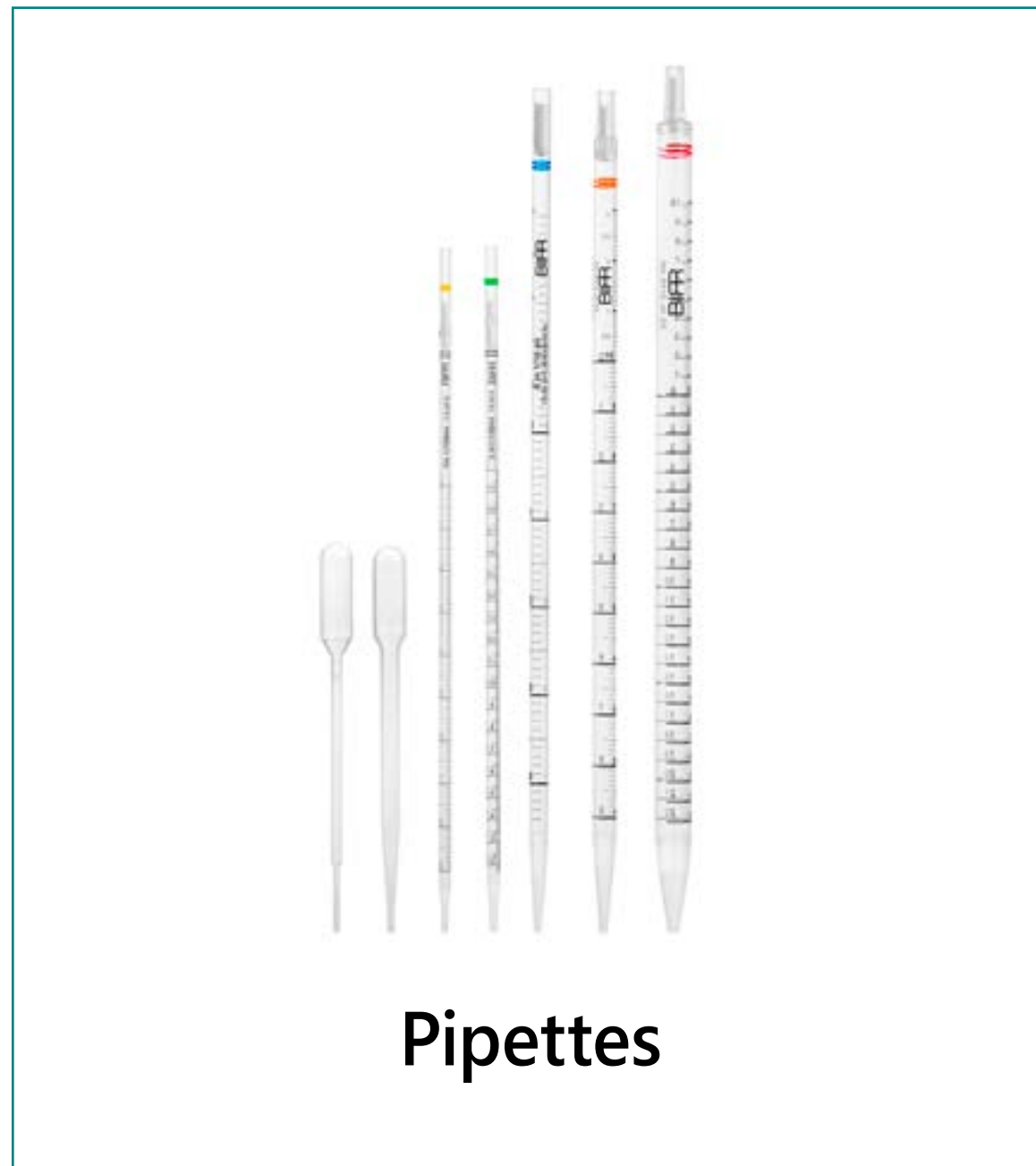


BIRR IVF Labware Catalog



BIRR and IVF Labware: it's embryologic! Why?

BIRR has fertility expertise since 1971

All BIRRs IVF Labware has been designed in close collaboration with embryologists

BIRRs IVF labware portfolio is developed and produced in the EU, according to the highest quality standards

All BIRRs IVF Labware is CE Class IIa MDD certified

BIRR offers a complete IVF labware portfolio

BIRR aspires for a reliable delivery

If there's a customer/patient need for new products, BIRR designs it

BIRR IVF Labware table of content

Dishes

Dishes portfolio

Tubes

Tubes portfolio

Pipettes

Pipettes portfolio

BIRR IVF Labware Standards

Standards The BIRR IVF Labware has been developed and produced according to the highest quality standards. All our tests are being performed in a state of the art laboratory, which strives for continuous improvement on the quality of their tests. This enables BIRR to ensure that labware products are being tested against the highest standards.

CE Mark:

Class IIa sterile Medical Device in accordance with 93/42 EEC Directive

Results per LOT number available:

Mouse Embryo Analysis (MEA): Across the Labware portfolio two different type of MEA tests are being performed, the Standard MEA or Extended MEA

- The Standard MEA is being performed on the labware that has contact time <24 hours with gametes, embryos, sperm
- The Extended MEA is being performed on labware that has a contact time >24 hours, done for all dishes

Sperm Motility Assay (SMA):

Our standard read out time is set on 8 hours and must be above >0.75 sperm motility index (SMI). The majority of IVF process will fall within the <8 hours range

Limulus amoebocyte lysate (LAL):

All portfolio has been tested with LAL

Certification:

- ISO 13485:2016 certified
- FDA cleared
- Registered in various countries. When required, local regulatory registration will be established

BIRR introduces its smART Labware label:

BIRR IVF labware with innovative feature and added value on ease of use or safety versus conventional labware



Materials

- Used materials are non-toxic in accordance with the Bio-comp requirements

Abbreviations of the used plastic materials for the BIRR IVF Labware portfolio:

- PS = polystyrene
- PP = polypropylene
- PE = polyethylene

IVF Dishes

Why our IVF Dishes

- Class IIa sterile Medical Device in accordance with the 93/42 EEC Directive
- Manufactured by BIRR in EU
- Specifically designed for IVF
- Non-pyrogenic
- Sterility assurance level 10⁻⁶ (by irradiation)
- Raised bottoms (200 micron air layer) to avoid scratches, minimize overheating in case of temperature spikes in the heated stage and provide even adherence to the surface
- Scratch protection improves visibility and safety
- Temperature consistency across all dishware suite



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

5-Well Dish Round Edges

New, smART
and available

Article code & Packaging

1130056 packed by 6 / 180 per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Sloped walls of the wells facilitates specimens
- identification and recall
- Wide well design improves accessibility to the specimen and its manipulation
- Large labeling area accommodating all types of handwriting, ID labels, barcodes and RFID tags

Intended use

- Multipurpose dish
- Cell culture (gametes or embryos)
- Follicular fluid inspection (oocyte collection)
- Oocyte insemination (IVF) and denudation

smART
LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

Square ICSI Dish

New, smART
and available

Article code & Packaging

1130116 packed by 6 / 180 per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Large labeling area accommodating all types of handwriting, ID labels, barcodes and RFID tags
- The wide square area increases useable surface and improves access for micromanipulation
- The large surface available allows extended customisation of media drops placement within the dish
- Slanted walls and rounded internal corners for improved recall and visualisation of specimens

Intended use

- Intracytoplasmic Sperm Injection (ICSI)
- Cell culture (gametes or embryos)
- Follicular fluid inspection (oocyte collection)
- Oocyte insemination (IVF) and oocyte denudation

smART
LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

Square Center Well Dish

New, smART
and available

Article code & Packaging

1130106 packed by 6 / 30x6 per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

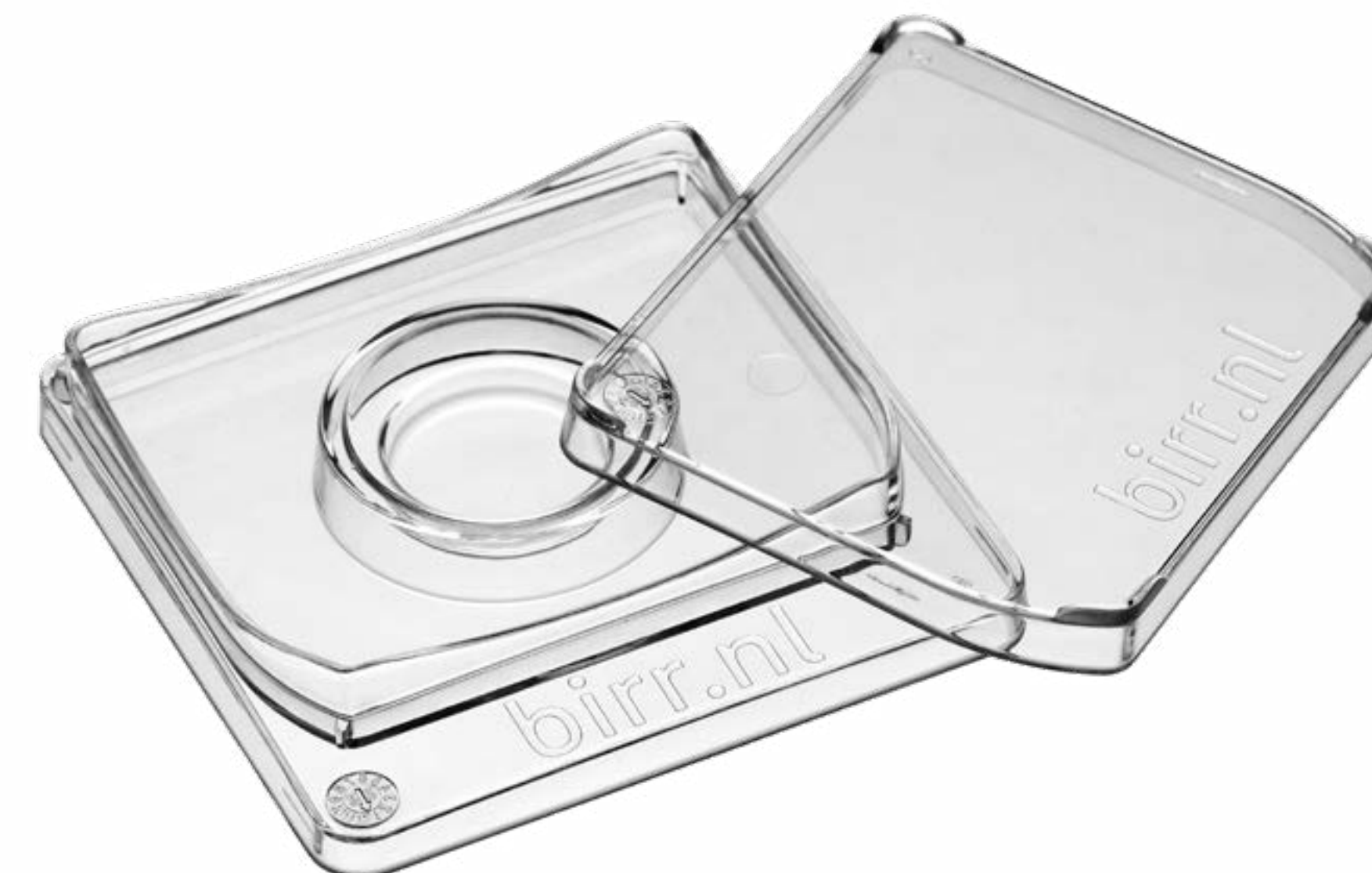
smART characteristics

- Large labeling area accommodating all types of handwriting, ID labels, barcodes and RFID tags
- Raised bottom and flat construction avoid undesired spinning of the dish
- Sloped walls of the well facilitates specimens identification and recall

Intended use

- Multipurpose dish
- Embryo transfer
- Cell culture (gametes or embryos)
- Oocyte insemination (IVF) and denudation

smART
LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

6-Well Dish

Article code & Packaging

113006 packed by 6 / 180 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Large labeling area
- Clear embryo identification due to well-numbering 1-6
- Indents on the outer rim of the dish allow for horizontal stabilisation of the vitrification carrier while loading it

Intended use

- Cell culture (oocytes or embryos)
- Gamete and embryo cryopreservation
- Oocyte insemination (IVF) and denudation

smART
LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

16-Well Dish

Article code & Packaging

113016 packed by 6 / 180 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Large labeling area
- Clear embryo identification due to well-numbering 1-16
- Large working area for better access
- 16 wells increase wash drops count and/or single embryo culture positions
- Reduce number of dishes per IVF procedure steps.

Intended use

- Cell culture (gametes or embryos)
- Biopsy

smART
LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

4+8 Well Dish

Article code & Packaging

1134+8 packed by 10 / 240 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Allows to handle patient culture embryos in just one dish
- Clear embryo/position identification due to well-numbering 1-8 (4 x 150 μ L wells), 9-12 (8 x 100 μ L wells)
- Small wells to store embryos after washes in the bigger wells (individual culture)
- Big wells to store multiple embryos after serial washes in the smaller wells (group culture)
- No droplet mixing

Intended use

- Cell culture gametes or embryos
- Handling or manipulation of embryos or gametes

smART

LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

Culture Dish 35 mm Time Lapse

Article code & Packaging

113030TL single packed / 200 units per box

113031TL packed by 10 / 480 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

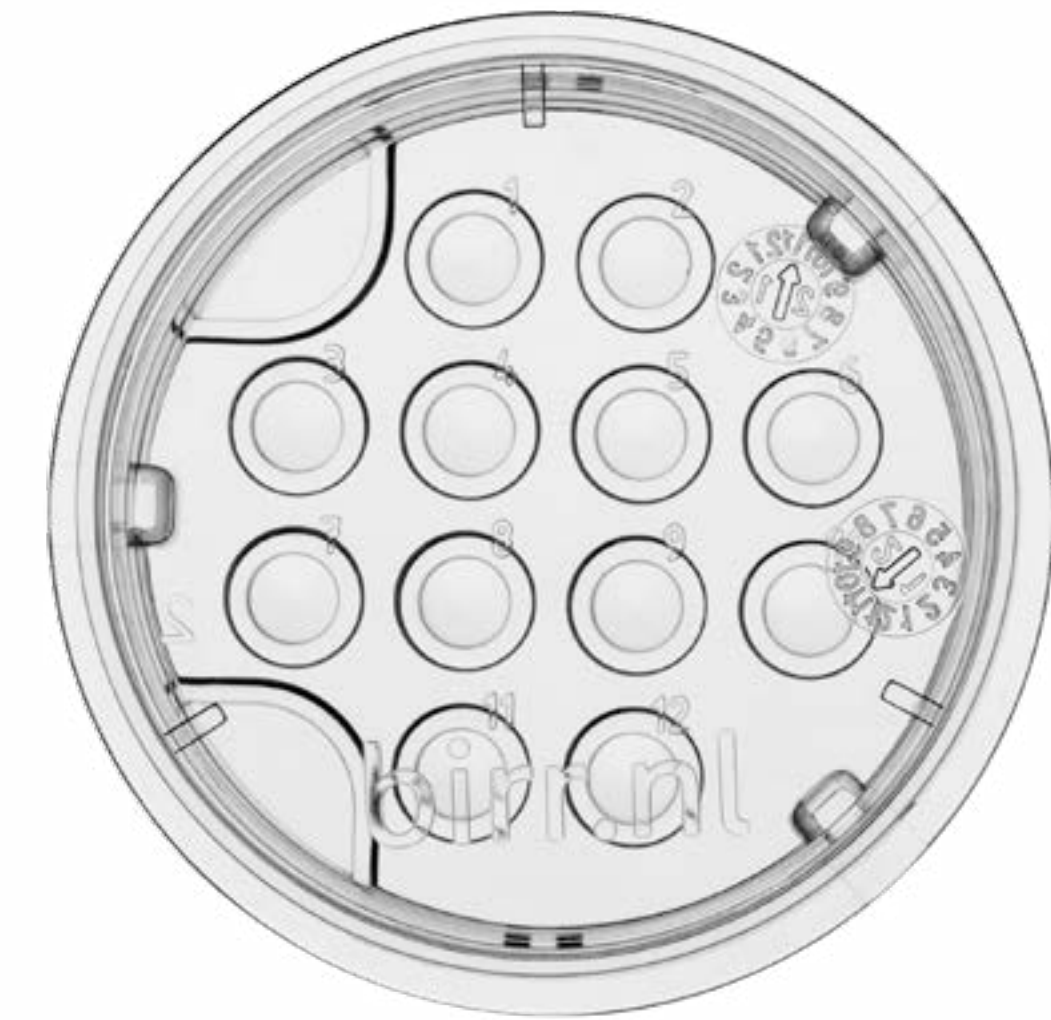
smART characteristics

- Clear embryo identification due to well-numbering 1-12
- Fits ASTEC timelapse
- Additional non-numbered side wells for washing embryos and flushing the pipette

Intended use

- Cell culture (gametes or embryos)

smART
LABWARE



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

Culture Dish 35 mm

Article code & Packaging

113030 single packed / 200 units per box

113031 packed by 10 / 480 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

Intended use

- Cell culture (gametes or embryos)
- Oocyte insemination (IVF)



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

Culture Dish 60 mm

Article code & Packaging

113060 single packed / 100 units per box

113061 packed by 10 / 200 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

Intended use

- Cell culture (gametes or embryos)
- Follicular fluid inspection (oocyte collection)
- Oocyte insemination (IVF) and denudation



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

Culture Dish 90 mm

Article code & Packaging

113090 single packed / 48 units per box

113098 packed by 8 / 96 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

Intended use

- Cell culture (gametes or embryos)
- Follicular fluid inspection (oocyte collection)
- Oocyte insemination (IVF) and denudation



IVF Dishes

Center Well Dish 60 mm

Article code & Packaging

1130-CW single packed / 100 units per box

1131-CW packed by 10 / 240 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

Intended use

- Embryo transfer
- Cell culture (gametes or embryos)
- Oocyte insemination (IVF) and denudation



Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

Dishes portfolio

5-Well Dish Round Edges

Square ICSI Dish

Square Center Well Dish

6-Well Dish

16-Well Dish

4+8-Well Dish

Culture Dish 35 mm Time Lapse

Culture Dish 35 mm

Culture Dish 60 mm

Culture Dish 90 mm

Center Well Dish 60 mm

ICSI Dish 60 mm

IVF Dishes

ICSI Dish 60 mm

Article code & Packaging

1130-ICSI single packed / 100 units per box

1131-ICSI packed by 10 / 240 units per box

Material

PS

Testing

MEA, LAL & SMA per LOT number

Characteristics

- Optimal dish angle for ICSI procedures

Intended use

- Intracytoplasmic Sperm Injection (ICSI)



IVF Tubes

Why our Tubes

- Class IIa sterile Medical Device in accordance with the 93/42 EEC Directive
- Manufactured by BIRR in EU
- Specifically designed for IVF
- Non-pyrogenic
- Sterility assurance level 10^{-6} (by irradiation)

Tubes portfolio

Round Bottom Tube 5 mL

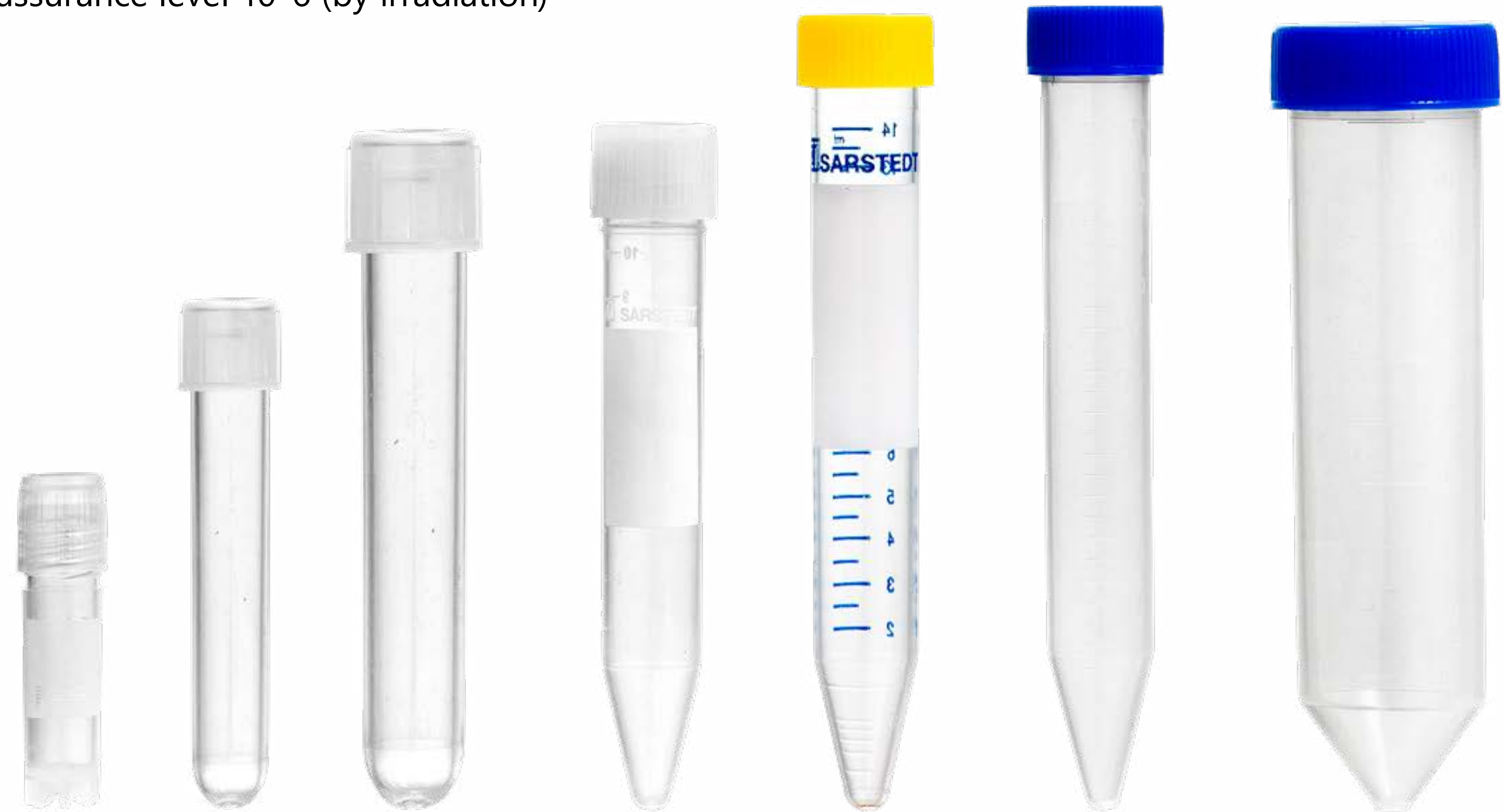
Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Tubes

Round Bottom Tube 5 mL

Article code & Packaging

113515 single packed / 800 units per box

113516 packed by 10 / 1800 units per box

Material

PS, cap PE

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Dual position of the cap (sealed and venting)
- Unique cap design prevents accidental sealing
- Simple one-hand operability of the cap
- Moulded measuring scale (standard)

Intended use

- Short storage of culture media, density gradients or cell culture oil (days)
- Collection of follicular fluid (e.g., oocyte collection procedure)
- Processing of semen samples (e.g., swim-up technique)
- Short storage of processed sperm cells

smART
LABWARE

Tubes portfolio

Round Bottom Tube 5 mL

Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Tubes

Round Bottom Tube 14 mL

Article code & Packaging

113520 single packed / 600 units per box

113521 packed by 10 / 1000 units per box

Material

PS, cap PE

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Dual position of the cap (sealed and venting)
- Unique cap design prevents accidental sealing
- Simple one-hand operability of the cap
- Moulded measuring scale (standard)

Intended use

- Short storage of culture media, density gradients or cell culture oil (days)
- Collection of follicular fluid (e.g., oocyte collection procedure)
- Processing of semen samples (e.g., swim-up technique)
- Short storage of processed sperm cells

smART
LABWARE

Tubes portfolio

Round Bottom Tube 5 mL

Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Tubes

Conical Tube PP 11 mL

Article code & Packaging

113511 packed by 10 / 1000 units per box

Material

PP, cap PE

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Moulded measuring scale
- Labeling area

Intended use

- Preparation, centrifugation and storage of culture solutions (e.g., culture media, density gradients) or biological specimens used in ART

Tubes portfolio

Round Bottom Tube 5 mL

Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Tubes

Conical Tube PP 15 mL

Article code & Packaging

113501 packed by 10 / 1000 units per box

Material

PP, cap PE

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Moulded measuring scale
- Labeling area

Intended use

- Preparation, centrifugation and storage of culture solutions (e.g., culture media, density gradients) or biological specimens used in ART

Tubes portfolio

Round Bottom Tube 5 mL

Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Tubes

Conical Tube PS 15 mL

Article code & Packaging

113506 packed by 10 / 1000 units per box

Material

PS, cap PE

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Moulded measuring scale
- Labeling area

Intended use

- Preparation, centrifugation and storage of culture solutions (e.g., culture media, density gradients) or biological specimens used in ART

Tubes portfolio

Round Bottom Tube 5 mL

Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Tubes

Conical Tube PP 50 mL

Article code & Packaging

113510 single packed / 200 units per box

Material

PP, cap PE

Testing

MEA, LAL & SMA per LOT number

smART characteristics

- Moulded measuring scale
- Labeling area

Intended use

- Preparation, centrifugation and storage of culture solutions (e.g., culture media, density gradients) or biological specimens used in ART

Tubes portfolio

Round Bottom Tube 5 mL

Round Bottom Tube 14 mL

Conical Tube PP 11 mL

Conical Tube PP 15 mL

Conical Tube PS 15 mL

Conical Tube PP 50 mL



IVF Pipettes

Why our Pipettes

- Class IIa sterile Medical Device in accordance with 93/42 EEC Directive
- Manufactured by BIRR in EU
- Specifically designed for IVF
- Non-pyrogenic
- Sterility assurance level 10⁻⁶ (by irradiation)



Pipettes portfolio

Dropping Pipette 1/3 mL

Serological Pipette 1/2/5/10/25 mL

Pipettes portfolio

Dropping Pipette 1/3 mL

Serological Pipette 1/2/5/10/25 mL

IVF Pipettes

Dropping Pipette 1 mL

Article code & Packaging

113410 single packed / 800 units per box

113411 packed by 10 / 1500 units per box

Material

PE

Testing

MEA, LAL & SMA per LOT number

Dropping Pipette 3 mL

Article code & Packaging

113420 single packed / 800 units per box

113421 packed by 10 / 1500 units per box

Material

PE

Testing

MEA, LAL & SMA per LOT number

Intended use

- Transfer of semen sample from the collection container to density gradients or other devices used for semen processing or storage
- Aliquoting of culture media and density gradients

1 ml



3 ml



IVF Pipettes

Serological Pipette 1 ml

Article code & Packaging

113701 single packed / 1000 units per box

Material

PS

Testing

MEA & LAL per LOT number



Serological Pipette 2 ml

Article code & Packaging

113702 single packed / 1000 units per box

Material

PS

Testing

MEA & LAL per LOT number



Serological Pipette 5 ml

Article code & Packaging

113705 single packed / 500 units per box

Material

PS

Testing

MEA & LAL per LOT number



Serological Pipette 10 ml

Article code & Packaging

113710 single packed / 500 units per box

Material

PS

Testing

MEA & LAL per LOT number



Serological Pipette 25 ml

Article code & Packaging

113725 single packed / 200 units per box

Material

PS

Testing

MEA & LAL per LOT number



Characteristics

- Portfolio of 5 pipettes including unique 25 mL

Intended use

- Accurate measuring of semen samples volume
- Aliquoting of culture media and density gradients

Pipettes portfolio

Dropping Pipette 1/3 mL

Serological Pipette 1/2/5/10/25 mL

IVF Containers

Why our Containers

- Class IIa sterile Medical Device in accordance with the 93/42 EEC Directive
- Manufactured by BIRR in EU
- Specifically designed for IVF
- Non-pyrogenic
- Sterility assurance level 10⁻⁶ (by irradiation)



Containers

Semen Collection Container 100 mL

Semen Collection Container 125 mL

IVF Containers

Semen collection Container 100 mL

Article code & Packaging

113102 packed by 5 / individually sealed / 200 units per box

Material

PP, cap PE

Testing

MEA, LAL & SMA per LOT number

Characteristics

- Individually wrapped and labelled with LOT number and expiration date
- Seal of sterility
- Label for patients and samples identification

Intended use

- Collect semen for assisted reproduction technologies



Containers

Semen Collection Container 100 mL

Semen Collection Container 125 mL

IVF Containers

Semen collection Container 125 mL

Article code & Packaging

113101 single packed / 100 units per box

Material

PP, cap PE

Testing

MEA, LAL & SMA per LOT number

Characteristics

- Individually wrapped and labelled with LOT number and expiration date (bottom)

Intended use

- Collect semen for assisted reproduction technologies



Containers

Semen Collection Container 100 mL

Semen Collection Container 125 mL

Other IVF Labware

Why our Microvials

- Class IIa sterile Medical Device in accordance with the 93/42 EEC Directive
- Manufactured by BIRR in EU
- Specifically designed for IVF
- Non-pyrogenic
- Sterility assurance level 10⁻⁶ (by irradiation)

Why our Flasks

- Class IIa sterile Medical Device in accordance with the 93/42 EEC Directive
- Manufactured by BIRR in EU
- Specifically designed for IVF
- Non-pyrogenic
- Sterility assurance level 10⁻⁶ (by irradiation)



Other IVF Labware

Micovial 1.5 mL

Flask 40 / 270 mL

Other IVF Labware

Microvial 1,5 mL

Article code & Packaging

113301 packed by 10 / 500 units per box

Material

PP

Testing

MEA & LAL per LOT number

Characteristics

- Printed measuring scaleIntended

Intended use

- Multipurpose microvial for IVF



Other IVF Labware

Micovial 1.5 mL

Flask 40 / 270 mL

Other IVF Labware

Flask 40 mL

Article code & Packaging

113601 packed by 5 / 200 units per box

Material

PS, cap PE

Testing

MEA & LAL per LOT number

Flask 270 mL

Article code & Packaging

113650 single packed / 50 units per box

Material

PS, cap PE

Testing

MEA & LAL per LOT number

Characteristics

- Moulded measuring scale

Intended use

- Storing of media



Other IVF Labware

Micovial 1.5 mL

Flask 40 / 270 mL

About BIRR

BIRR specialises in the manufacturing and supply of products for use in Assisted Reproductive Technologies (ART).

Our products are designed in close cooperation with our customers. As a result our products are innovative and intuitive to help healthcare professionals provide better, more efficient pat

Eco friendly system

The disposable components are fully recyclable. BIRR adopts sustainable strategies that optimise profitability without compromising quality of care. We streamline the choice of our components to minimize waste and reduce costs. This compares favorably to the impact of the re-sterilisation process which often uses potentially polluting reagents representing a threat to our environment.



FIND YOUR LOCAL DISTRIBUTOR



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DATE