

# BIÆR IVF Labware Catalog

IVF Labware / Dishes / Tubes / Pipettes / Containers / Other Labware



It's *embryologic!*

[birr.nl](http://birr.nl)

# BIRR and IVF Labware: it's embryologic!

## Why?

**BIRR has fertility expertise since 1971**

**All BIRR's IVF Labware has been designed in close collaboration with embryologists**

**BIRR's IVF labware portfolio is developed and produced in the EU, according to the highest quality standards**

**All BIRR's 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**

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# BIRR IVF Labware Standards

The BIRR IVF Labware has been developed and produced according to the highest quality standards:

**CE Mark:**

Class IIa sterile Medical Device Directive 93/42/EEC

**Per LOT number available:**

- Mouse Embryo Analysis (MEA),
- Limulus amoebocyte lysate (LAL),
- Sperm Mobility Assay (SMA) results

**Certification:**

- ISO 13485 certified company
- FDA cleared
- Registered in various countries. If necessary, local registration will be established.

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**BIRR introduces it's smART Labware label:**

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



# IVF DISHES

## Why our IVF Dishes

- CE Mark Class IIa
- IVF specific design and certified
- Non-toxic medical grade polystyrene
- Non-pyrogenic
- Designed and manufactured by BIRR, EU
- Sterility assurance level (irradiation) 10<sup>-6</sup>

## Culture Dish 35 mm

### Article code & Packaging:

113030 single packed / 200 units per box

113031 packed by 10 / 480 units per box

### Material

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

### Intended use

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



## Culture Dish 60 mm

### Article code & Packaging:

113060 single packed / 100 units per box

113061 packed by 10 / 200 units per box

### Material

Non-toxic medical grade Polystyrene (PS)

### Testing

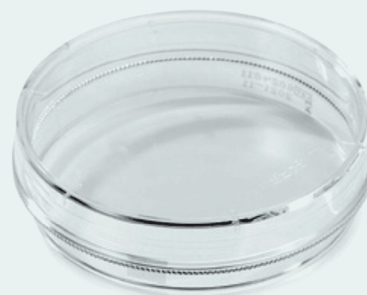
MEA, LAL & SMA per LOT number

### Characteristics

- 360° grip

### Intended use

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



## Culture Dish 90 mm

### Article code & Packaging:

113090 single packed / 48 units per box

113098 packed by 8 / 96 units per box

### Material

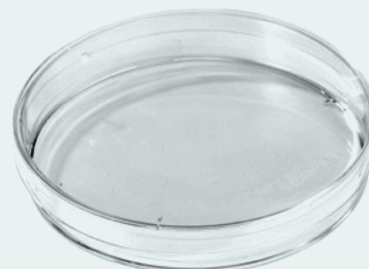
Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

### Intended use

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



## 6-Well Dish

### Article code & Packaging:

113006 packed by 6 / 180 units per box

### Material

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

### smART characteristics:

- Straw holder
- Numbered from 1-6
- Unique 6-well design
- Clear embryo identification (1-6 visible with or without microscope)
- Large working area for better access
- Large labeling area

### Intended use

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



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## 16-Well Dish

### Article code & Packaging:

113016 packed by 6 / 180 units per box

### Material

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

### smART characteristics:

- Numbered from 1 to 16
- 16 wells of 24-36 microliters
- Unique 16-well design
- Clear embryo identification (1-16 visible with or without microscope)
- Large working area for better access
- Large labeling area

### Intended use

- Cell culture (gametes or embryos)



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## 4+8 Well Dish

### Article code & Packaging:

1134+8 packed by 10 / 240 units per box

### Material

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

#### smART characteristics

- Numbered (1 to 8 smaller wells, 9 to 12 larger wells)
- 8 wells of 100 microliters and 4 wells of 150 microliters
- 360° grip
- Quick embryo location
- Combination well design including 4 x 150 µL wells and 8 x 100 µL wells
- Easy embryo identification (1-8 and 9-12 with or without microscope)

#### Intended use

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



## 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

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

#### Characteristics

- 360° grip

#### Intended use

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



## 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

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

#### Characteristics

- 360° grip
- Fits ESCO timelapse
- Numbered from 1 to 12
- Corners smoothend and rounded
- Quick embryo location

#### Intended use

- Cell culture (gametes or embryos)



## 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

Non-toxic medical grade Polystyrene (PS)

### Testing

MEA, LAL & SMA per LOT number

### Characteristics

- 360° grip

### Intended use

- Intracytoplasmic Sperm Injection (ICSI)



## Products soon to come:

### 5-well dish with round edges | Article code 113005

- multipurpose dish
- large label area fits all tags!
- No writing any longer from underneath!

### Square ICSI dish | Article code 113-ICSISQ

- Square ICSI dish
- Large label area fits all tags
- No writing any longer from underneath!

### Square Center well dish | Article code 113-CWSQ

- Large label area fits all tags
- No writing any longer from underneath!



# IVF TUBES

## Why our Tubes

- CE Mark Class IIa
- IVF specific design and certified
- Designed and manufactured by BIRR, EU
- Non-pyrogenic
- Sterility assurance level (irradiation) 10<sup>-6</sup>

## Conical Tube PP 15 mL

### Article code & Packaging:

113501 packed by 10 / 1000 units per box

### Material

Material: Polypropylene (PP), cap Polyethylene (PE)

### Testing

MEA, LAL & SMA per LOT number

### Intended use

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



## Conical Tube PS 15 mL

### Article code & Packaging:

113506 packed by 10 / 1000 units per box

### Material

Material: Polystyrene (PS), cap Polyethylene (PE)

### Testing

MEA, LAL & SMA per LOT number

### Intended use

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



## Conical Tube PP 50 mL

### Article code & Packaging:

113510 single packed / 200 units per box

### Material

Polypropylene (PP), cap Polyurethylene (PE)

### Testing

MEA, LAL & SMA per LOT number

### Intended use

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



## Round Bottom Tube 5 mL

### Article code & Packaging:

113515 single packed / 800 units per box

113516 packed by 10 / 1800 units per box

### Material

Polystyrene (PS), cap Polyethylene (PE) (semi-closed option)

### Testing

MEA, LAL & SMA per LOT number

### smART characteristics

- Unique venting cap design
- Dual position cap (sealed/vent)
- Easy one hand operations

### 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



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## Round Bottom Tube 14 mL

### Article code & Packaging:

113520 single packed / 600 units per box

113521 packed by 10 / 1000 units per box

### Material

Polystyrene (PS), cap Polyethylene (PE) (semi-closed option)

### Testing

MEA, LAL & SMA per LOT number

### smART characteristics

- Unique venting cap design
- Dual position cap (sealed/vent)
- Easy one hand operations

### 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



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# IVF PIPETTES

## Why our Pipettes

- Non-pyrogenic
- Designed and manufactured by BIRR, EU
- Manufacturing date on each product
- CE Mark Class IIa
- Sterility assurance level (irradiation) 10<sup>-6</sup>

## DROPPING 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**

Polyethylene (PE)

**Testing**

MEA, LAL & SMA per LOT number

**Intended use**

- Transferring semen sample from semen collection container to density gradient or other device in which semen will be processed
- Aliquoting large volumes of culture media and density gradients to small volumes



### Dropping Pipette 3 mL

**Article code & Packaging:**

113420 single packed / 800 units per box

113421 packed by 10 / 1500 units per box

**Material**

Polyethylene (PE)

**Testing**

MEA, LAL & SMA per LOT number

**Intended use**

- Transferring semen sample from semen collection container to density gradient or other device in which semen will be processed
- Aliquoting large volumes of culture media and density gradients to small volumes



## SEROLOGICAL PIPETTES

### Serological Pipette 1 mL

**Article code & Packaging:**

113701

single packed / 1000 units per box

**Material**

Polystyrene (PS)

**Testing**

MEA, LAL & SMA per LOT number



### Serological Pipette 2 mL

**Article code & Packaging:**

113702

single packed / 1000 units per box

**Material**

Polystyrene (PS)

**Testing**

MEA, LAL & SMA per LOT number



### Serological Pipette 5 mL

**Article code & Packaging:**

113705

single packed / 500 units per box

**Material**

Polystyrene (PS)

**Testing**

MEA, LAL & SMA per LOT number



### Serological Pipette 10 mL

**Article code & Packaging:**

113710

single packed / 500 units per box

**Material**

PS, cap PE

**Testing**

MEA, LAL & SMA per LOT number



### Serological Pipette 25 mL

**Article code & Packaging:**

113725

single packed / 200 units per box

**Material**

PS, cap PE

**Testing**

MEA, LAL & SMA per LOT number

**Characteristics**

- Unique for large volumes handling (25ml)

**Intended use**

- Aliquoting large volumes of culture media, density gradients and cell culture oil into small volumes



# IVF CONTAINERS

## Why our Containers

- CE Mark Class IIa
- Medical grade PP and PE
- Designed and manufactured by BIRR, EU
- Sterility assurance level (irradiation) 10<sup>-6</sup>

### Semen Collection Container 125 mL with label

**Article code & Packaging:**

113101 single packed / 100 units per box

**Material**

Polypropylene (PP), cap Polyethylene (PE)

**Testing**

MEA, LAL & SMA per LOT number

**Characteristics**

- Individual labeled including LOT
- Single pack for patient convenience

**Intended use**

- Collect semen for assisted reproduction technologies



### Semen Collection Container 100 mL

**Article code & Packaging:**

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

**Material**

Polypropylene (PP), cap Polyethylene (PE)

**Testing**

MEA, LAL & SMA per LOT number

**Characteristics**

- Individual labeled including LOT
- Sterile seal
- Patient Identification field

**Intended use**

- Collect semen for assisted reproduction technologies





# Other IVF Labware

## IVF Microvials

### Why our Microvials

- Non-pyrogenic
- Designed and manufactured by BIRR, EU
- Manufacturing date on each product
- CE Mark Class IIa
- Sterility assurance level (irradiation) 10<sup>-6</sup>

### Microvial 1,25 mL

**Article code & Packaging:**

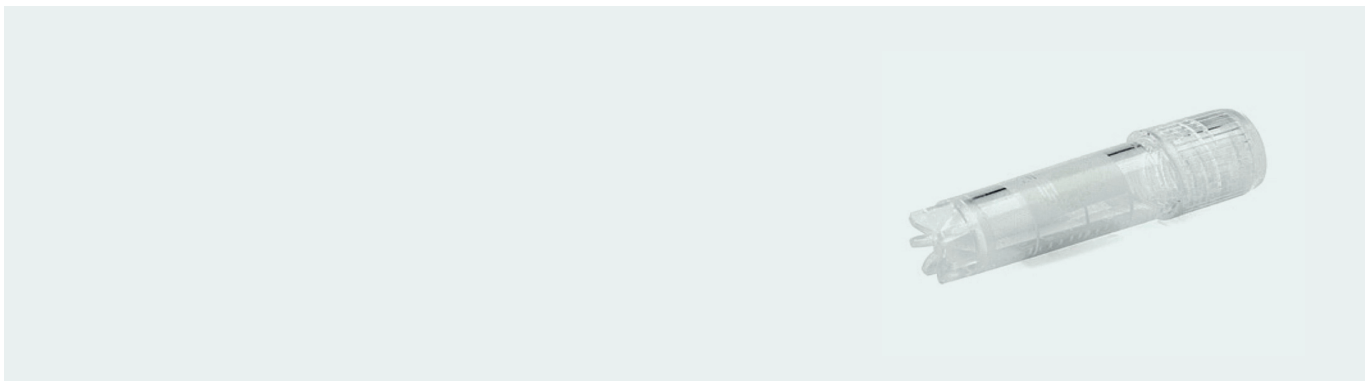
113301 packed by 10 / 2000 units per box

**Material**

PP

**Testing**

MEA & LAL per LOT number



# Other IVF Labware

## IVF Flasks

### Why our Flasks

- Non-pyrogenic
- Designed and manufactured by BIRR, EU
- Manufacturing date on each product
- CE Mark Class IIa
- Sterility assurance level (irradiation) 10<sup>-6</sup>

### 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



## About Birr

BIRR specialises in the 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 patient treatment ensuring the very best of care.

### 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 favourably to the impact of the re-sterilisation process which often uses potentially polluting reagents representing a threat to our environment.



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