IVF Labware Catalog

MDR Compliant Medical Devices for every ART Step

BIRR It's embryologic!

birr.nl

Table of Contents

BIRR STORY

MDR COMPLIANT MEDICAL
DEVICES FOR EVERY ART STEP

BIRR Story

MDR Compliant Medical Devices for Every ART Step

BIRR is committed to helping you deliver the best care to your patients by providing safe and reliable products. Specializing in ART products, we support your IVF lab success at every stage from start to finish.

BIRR is a family-owned company based in the Netherlands, specializing in the supply of products for Assisted Reproductive Technologies (ART). Our extensive portfolio includes a wide range of IVF labware, such as ART dishes, ART containers, and ART pipettes, all CE-marked in compliance with the strict requirements of the Medical Device Regulation (MDR).

ISO 13485 Certification:
BIRR's ISO 13485 certification demonstrates our commitment to excellence in the design, development, and production of IVF labware. We fully comply with laws, regulations, and standards, ensuring the highest safety and quality.

Our robust quality management system allows us to streamline processes, minimize risks, and consistently deliver safe, high-quality medical devices that meet the needs of both professionals and patients.

Why BIRR IVF Labware

BIRR IVF Labware is designed and manufactured to meet the highest product and quality standards, ensuring safety and high performance across all labware products.

CE-marked
The CE marking indicates that our labware demonstrates compliance with European safety and performance standards for use in IVF treatments and procedures.

MD Designed for IVF
Our labware products are classified as Medical Devices: the products are Medical Device Class IIa MDR (EU) 745/2017 certified. "This conformity assessment indicates that our IVF labware fullfills the performance and safety requirements suitable for the treatment of IVF.

Each LOT tested
All our qualitative tests (MEA(+), SMA and LAL) are performed in a state-of-the-art laboratory dedicated to continuously improving testing reliability and accuracy. Each product LOT undergoes rigorous testing to ensure the highest quality standards.

Made in Europe
Designed and manufactured in Europe, our labware adheres to rigorous quality standards, guaranteeing reliability, compliance, and fast delivery, along with exceptional customer service.

STERILE R Sterile
Our IVF labware undergoes gamma irradiation sterilization, effectively eliminating harmful micr-oorganisms without chemical residues. This process ensures complete decontamination while preserving the materials integrity and maintaining optimal performance.

02 ~ Quality

CE-marked IVF Labware according to MDR

The CE marking indicates that our labware demonstrates compliance with European safety and performance standards for use in IVF treatments and procedures.

BIRR IVF Labware products are Medical Devices, certified as Medical Device Class IIa under MDR (EU) 745/2017
BIRR's CE marking indicates that it's products comply with the strict safety and health standards set by the European Medical Device Regulation (MDR). This marking demonstrates that the products are in compliance with the safety and performance requirements in relation to their intended use.

Our class IIa IVF Labware medical devices have been assessed by a Notified Body in accordance with the MDR. The products are CE-marked to demonstate compliance with the strict European safety and performance standards.

CE Indicates that our products are compliant with the strict requirements of the Medical Device Regulation (MDR)

MD Our IVF Labware products are registered as Medical Devices class IIa and suitable for use in IVF treatments and procedures.

Learn more about CE and MDR

Every LOT is rigorously tested for product safety

To help clinics provide the best treatment to their patients, BIRR provides high quality products. Over the years, BIRR has established a rigorous testing protocol, to ensure product safety and reliability. BIRR's independent testing is conducted by an ISO 17025-certified facility, internationally recognized for for standard MEA, MEA+, SMA and LAL analyses. Successfully passing these tests confirms that our IVF products are safe, effective, and ready for market use.

MEA, LAL, and SMA tests assess whether the materials and manufacturing processes used in labware impact gamete viability or embryo development. Successful testing guarantees consistent labware performance, ensuring it does not interfere with the biological processes of specimens.

Test carried out on each LOT:

Mouse Embryo Assay (MEA): The Mouse Embryo Assay (MEA) is a test used to assess the safety and biological compatibility of IVF labware by evaluating the development of mouse embryos in contact with the materials. Across the labware portfolio, two different type of MEA tests are performed, the Standard MEA or Extended MEA (MEA+):

- **MEA:** BIRR performs an indirect test using 1-cell F1 mouse embryos, with the standard being that over 80% of embryos must successfully develop into expanded blastocysts within 5 days (96 hours). This test is conducted on labware with less than 24 hours of contact time with gametes or embryos, including ART containers and ART pipettes.
- **MEA+:** BIRR performs a direct test on 1-cell embryos, with the standard being that over 80% must successfully develop into expanded blastocysts within 5 days (96 hours), mimicking daily lab practice . This test is conducted on labware with a contact time of more than 24 hours, and is performed for all of BIRR's ART dishes.

Sperm Motility Assay (SMA) test: The SMA test checks whether the exposure to the tested product influences the viability of the biological specimen. Sperm motility can be assessed at different time intervals (e.g., 4hrs, 8hrs, and 24hrs), with longer intervals increasing stringency of the test. Generally, the acceptance threshold for a product lot is typically set at Sperm Motility Index (SMI) >0.75 at 8hrs incubation. However, BIRR monitors sperm motility and SMI up to 24hrs incubation intervals with an acceptance threshold of SMI >0.75 at 8hrs.

$$SMI = \frac{\%\ progressive\ motile\ sperm\ test\ group}{\%\ progressive\ motile\ sperm\ control\ group}$$

02 ~ Quality

Limulus Amebocyte Lysate (LAL) test: The Limulus Amebocyte Lysate (LAL) test is a sensitive assay used to detect endotoxins in IVF labware, ensuring that the materials are free from harmful bacterial contamination. Being BIRR committed to provide the highest standards of quality assurance, LAL testing protocols are tailored for the product's specific characteristics, to achieve the highest analytical sensitivity while maintaining a comprehensive indication on the device's toxic impact. BIRR conducts the LAL Indirect test in accordance with USP <85> and USP <161>, using the chromogenic kinetic method, ensuring bacterial endotoxins are below 20 EU per device.

Results of quality test are available upon request for each LOT number.

BIRR conducts the more stringent direct MEA+ test on BIRR ART Dishes.

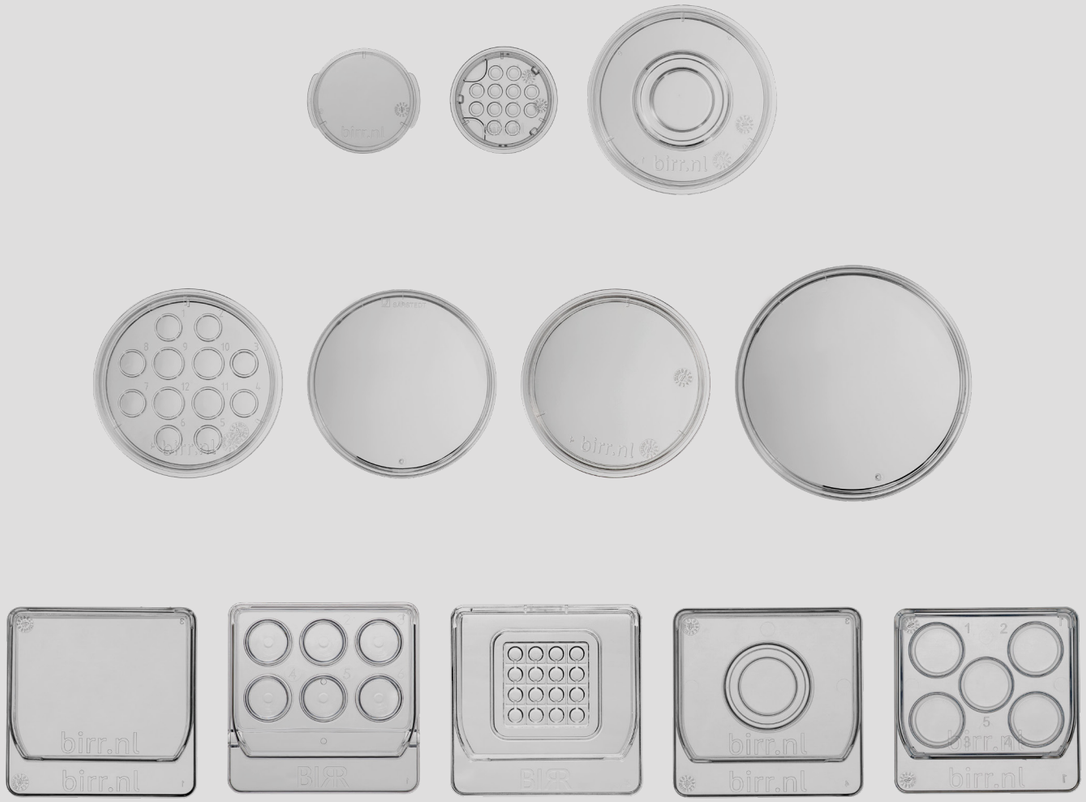
SMA: BIRR monitors sperm motility and SMI up to 24hrs incubation intervals.

BIRR's LAL testing protocols are tailored for the product's specific characteristics to achieve the highest analytical sensitivity.

Watch the video to learn more about the difference between MEA and extended MEA+ testing

Read our detailed whitepaper to learn more about testing methodologies and stringency parameters

BIRR IVF Labware is designed and manufactured to meet the highest product and quality standards.



03 ~ ART Dish Portfolio

Why choose our ART Dishes

Intended use
The ART Dish portfolio is specifically designed for the **preparation and culture of gametes and embryos** in assisted reproduction techniques (ART). It provides optimal conditions to support fertilization and embryo development.

Safe and High-Quality Raw Materials
Each ART dish and lid, is made from **high-quality, non-pyrogenic Polystyrene** (PS), ensuring safety and reliability. Free from harmful substances, the raw materials used protect the sensitive processes of fertilization and embryo development.

A Comprehensive Range to Suit Every Need
At BIRR, we offer a **broad portfolio** of ART dishes to accommodate the diverse methods and preferences of clinics worldwide. Whether it's for preparation, culture, or different ART procedures, our products are designed with ease of use, safety, and precision in mind.

Explore our extensive range of ART dishes tailored to support every step of the assisted reproduction process.

BIRR ART Dish portfolio overview

Explore our comprehensive range of ART dishes, specifically designed to meet the diverse needs of assisted reproduction techniques. Below is an overview of our portfolio, featuring product codes, packaging configurations, and available dish shapes we offer. Whether for gamete preparation, embryo culture, or other ART procedures, our products ensure the highest quality standards.

Product name	Product code	Units/packs	Units/box	Dish Shape
5-Well Dish	1130056	6	180	Square
6-Well Dish	113006	6	180	Square
16-Well Dish	113016	6	180	Square
4+8 Well Dish	1134+8	10	240	Round
Culture Dish 35 mm Time Lapse	113030TL	1 (single packed)	200	Round
	113031TL	10	480	Round
Center Well Dish	1130-CW	1 (single packed)	100	Round
	1131-CW	10	240	Round
Center Well Dish-Square	1130106	6	180	Square
ICSI Dish	1130-ICSI	1 (single packed)	100	Round
	1131-ICSI	10	240	Round
ICSI Dish-Square	1130116	6	180	Square
Culture Dish 35 mm	113030	1 (single packed)	200	Round
	113031	10	480	Round
Culture Dish 60 mm	113060	1 (single packed)	100	Round
	113061	10	200	Round
Culture Dish 90 mm	113090	1 (single packed)	48	Round
	113098	8	96	Round

03 ~ ART Dish Portfolio

ART Dish portfolio volume specifications

Below is a detailed overview of the nominal and working volumes for each ART Dish.

Product name	Product code	Working Space	Dish	
			Nominal*	Working (range)**
5-Well Dish	1130056	Well	1.9 mL	1.3 mL (1.0-1.4 mL)
6-Well Dish	113006	Well	350 μL	300 μL (200 – 400 μ4.L)
16-Well Dish	113016	Well	9 μL	25 μL (20 – 25 μL)
		Oil area	7 mL	3.8 mL (3.8 - 4.0 mL)
4+8 Well Dish	1134+8	Large Well	94 μL	150 μL (130 – 170 μL)
		Small Well	64 μL	100 μL (90 – 120 μL)
		Outer area	8 mL	8 mL (7 – 10 mL)
Culture Dish 35 mm Time Lapse	113030TL 113031TL	Well	15 μL	20 μL
		Washing area	4.7 μL	< 4.7 μL
Center Well Dish	1130-CW 1131-CW	Well	2.2 μL	1.5 mL (1.0 – 2.0 mL)
		Outer area	12.8 mL	2.5 mL (2.0 – 3.5 mL)
Center Well Dish-Square	1130106	Well	2.3 mL	1.5 mL (1.0 – 2.0 mL)
		Outer area	12.8 mL	4.0 mL (3.5 – 4.5 mL)
ICSI Dish	1130-ICSI 1131-ICSI	Dish	16.2 mL	8 mL (6 – 10 mL)
ICSI Dish-Square	1130116	Dish	18.1 mL	7 mL (6 – 8 mL)
Culture Dish 35 mm	113030 113031	Dish	10.1 mL	5 mL (4 -6 mL)
Culture Dish 60 mm	113060 113061	Dish	23.7 mL	10 mL (7 - 14 mL)
Culture Dish 90 mm	113090 113098	Dish	91.2 mL	14 mL

5-Well Dish

smART LABWARE

Product code(s) & Packaging

Article code	Units per pouch	Units per box
1130056	6	180

Volume specifications

Item	Nominal volume	Working volume
Well	1.9 mL	1.3 ml (1.0-1.4 mL)

User benefits

Easier handling and access
The well's large diameter reduces the angle at which the pipette needs to be held during specimen manipulation, facilitating operations.

Clear visualization
Round edges at the bottom of the well minimize shading and improve specimen visualization.

Raised bottom
The higher raised bottom helps maintain consistent working temperatures.

Large labelling area
A spacious area for clear labelling and witnessing tags.

Clear will numbering
Well-numbering from 1-5 provides accurate identification by well.

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03 ~ ART Dish Portfolio

6-Well Dish

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Product code(s) & Packaging

Article code	Units per pouch	Units per box
113006	6	180

Volume specifications

Item	Nominal volume	Working volume
Well	350 µL	300 µL (200 – 400 µL)

User benefits

Well Design
Shallow wells to help improve visibility.
Raised bottom to help maintain consistent working temperatures.

Integrated carrier device holder
Minimal or no adjustment to the microscope when moving the specimen from the well to the carrier device.*

Large labelling area
A spacious area for clear labelling and witnessing tags.

Clear well numbering
Well-numbering from 1-6 provides accurate identification by well.

** Depending on the vitrification carrier device used*

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Scan QR code to watch video about the key benefits

16-Well Dish

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Product code(s) & Packaging

Article code	Units per pouch	Units per box
113016	6	180

Volume specifications

Item	Nominal volume	Working volume
Well	9 µL	25 µL (20 - 25 µl)
Oil area	7 mL	3.8 mL (3.8 mL - 4.0 mL)

User benefits

Less oil consumption
Requires less than 4 mL of oil to overlay 16 culture drops.

Improved handling
Features an inner dam and overspill cavity that reduces the risk of oil spillage and prevents air sealing between the lid and its dish.

Large manipulation space
Featuring a convenient outer well space for specimens handling.

Elevated bottom
Protects against scratches and helps maintain consistent working temperatures.

Practical labelling area
A spacious area for clear labelling and witnessing tags.

Clear well numbering
Well-numbering from 1-16 provides accurate identification by well.

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03 ~ ART Dish Portfolio

4+8 Well Dish

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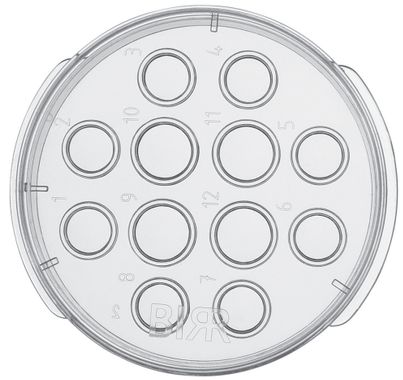
Product code(s) & Packaging

Article code	Units per pouch	Units per box
1134+8	10	240

Volume specifications

Item	Nominal volume	Working volume
Large Well	94 µL	150 µL (130 – 170 µL)
Small well	64 µL	100 µL (90 – 120 µL)
Outer area	8 mL	8 mL (7 – 10 mL)



User benefits

'Ears' design
Provides larger labelling space.
Enhances grip for improved handling.

Concave well design
Simplifies embryo visbility.

Raised well bottom
Prevents scratching.
Buffers temperature changes.

Well-numbering 1-12
Supports tracking of embryos.

Clear well numbering
Well-numbering from 1-12 provides accurate identification by well.

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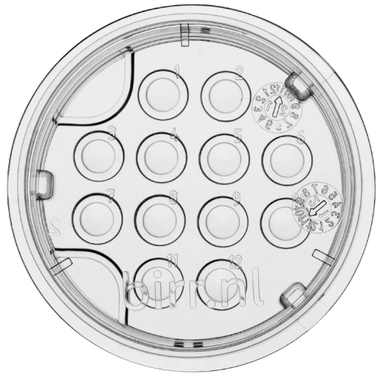
Culture Dish 35 mm Time Lapse

smART LABWARE



Product code(s) & Packaging

Article code	Units per pouch	Units per box
113030TL	1	200
113031TL	10	480

Volume specifications

Item	Nominal volume	Working volume
Well	15 µL	20 µL
Washing area	4.7 µL	< 4.7 µL

User benefits

Clear embryo identification
Provided by well-numbering 1-12.

Additional non-numbered side wells
For washing embryos and flushing the pipette.

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03 ~ ART Dish Portfolio

Center Well Dish

Product code(s) & Packaging

Article code	Units per pouch	Units per box
1130-CW	1	100
1131-CW	10	240

Volume specifications

Item	Nominal volume	Working volume
Well	2.2 µL	1.5 mL (1.0 – 2.0 mL)
Outer area	12.8 mL	2.5 mL (2.0 – 3.5 mL)

User benefits

'Ears' design
Provides larger labelling space.
Enhances grip for improved handling.

Improved handling
The design helps improve handling of both the dish and its lid, making the product more user friendly.

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Center Well Dish-Square

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Product code(s) & Packaging

Article code	Units per pouch	Units per box
1130106	6	180

Volume specifications

Item	Nominal volume	Working volume
Well	2.3 mL	1.5 mL (1.0 – 2.0 mL)
Outer area	12.8 mL	4.0 mL (3.5 – 4.5 mL)

User benefits

Raised well bottom
Prevents scratching.
Buffers temperature changes.

Sloped walls of the well
Facilitate specimens identification and recall.

Practical labelling area
A spacious area for clear labelling and witnessing tags.

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03 ~ ART Dish Portfolio

ICSI Dish

Product code(s) & Packaging

Article code	Units per pouch	Units per box
1130-ICSI	1	100
1131-ICSI	10	240

Volume specifications

Item	Nominal volume	Working volume
Dish	16.2 mL	8 mL (6 – 10 mL)

User benefits

Low-walled dish
Allows better access of micromanipulation pipettes to specimens.

Tight fit
The lid features a tight fit to the dish preventing gas exchange.

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ICSI Dish-Square

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Product code(s) & Packaging

Article code	Units per pouch	Units per box
1130116	6	180

Volume specifications

Item	Nominal volume	Working volume
Dish	18.1 mL	7 mL (6 – 8 mL)

User benefits

Large access for micromanipulation
The wide square area increases useable surface and improves access for micromanipulation.

Large surface area
The large surface allows extended customisation of media drops placement within the dish.

Improved recall and visualisation
Slanted walls and rounded internal corners for improved visualisation of specimens.

Practical labelling area
A spacious area for clear labelling and witnessing tags.

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03 ~ ART Dish Portfolio

Culture Dish 35 mm

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113030	1	200
113031	10	480

Volume specifications

Item	Nominal volume	Working volume
Dish	10.1 mL	5 mL (4 -6 mL)

User benefits

Practical labelling area
The ‘ear’ protrusions are not continuous, leaving part of the wall external surface for labelling with specimen’s details.

Improved handling
The ears provide a better grip, improves handling of both the dish and its lid.

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Culture Dish 60 mm

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113060	1	100
113061	10	200

Volume specifications

Item	Nominal volume	Working volume
Dish	23.7 mL	10 mL (7 – 14 mL)

User benefits

Practical labelling area
The ‘ear’ protrusions are not continuous, leaving part of the wall external surface for labelling with specimen’s details.

Improved handling
The ears provide a better grip, improves handling of both the dish and its lid.

03 ~ ART Dish Portfolio

Culture Dish 90 mm

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113090	1	48
113098	8	96

Volume specifications

Item	Nominal volume	Working volume
Dish	NA	14 mL

User benefits

Optimized for IVF workflows
Ideal surface area and volume for various lab applications.

Easy handling
Smooth edges and secure-fitting lid for safe, convenient manipulation.

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BIRR IVF Labware is designed and manufactured to meet the highest product and quality standards.

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03 ~ ART Container Portfolio

Why Choose our ART Containers

Intended use
The ART Container is intended for collecting and processing gametes in the IVF and Andrology Laboratories.

Safe and High-Quality Containers
ART Containers are made from clear **transparent plastic** and are non-pyrogenic, ensuring no harmful substances leach into the media. Designed without surface treatments or coatings, they maintain optimal conditions for gamete viability.

A Comprehensive Range to Suit Every Need
At BIRR, we offer a **broad portfolio** of ART Containers to accommodate the diverse methods and preferences of clinics worldwide. Whether it's for collection or processing of gametes, our products are designed with ease of use, safety, and precision in mind.

Explore our extensive range of ART Containers tailored to support every step of the assisted reproduction process.

BIRR ART Container portfolio overview

Explore our comprehensive range of ART Containers, specifically designed to meet the diverse needs of assisted reproduction techniques. Below is an overview of our portfolio and packaging configuratios. Whether for collecting or processing gametes, our products ensure the highest quality standards.

Product name	Product code	Units/packs	Units/box
Semen Collection Container 100 mL	113102	5 (individually sealed)	200
	113103	1 (single packed)	150
Microvial PP	113303	10	1000
Conical Tube PS 15 mL	113506	10	1000
Conical Tube PP 11 mL	113511	10	1000
Conical Tube PP 50 mL	113550	1 (single packed)	200
Round Bottom Tube 5 mL	113515	1 (single packed)	800
	113516	10	1800
Round Bottom Tube 14 mL	113520	1 (single packed)	600
	113521	10	1000

03 ~ ART Container Portfolio

ART Container volume specifications

Below is a detailed overview of the Container sizes and volumes for each ART Container in the BIRR portfolio.

Product name	Product code	Outer Dimension (mm)				Volume
		Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap	
Semen Collection Container 100 mL	113102	57.65	61.6	71.75	72.7	100 mL
	113103	57.65	61.6	71.75	72.7	100 mL
Microvial PP	113303	12.65	13.3	39.8	46.7	1.8 mL
Conical Tube PS 15 mL	113506	20.95	21.0	119.8	121.0	15 mL
Conical Tube PP 11 mL	113511	17.0	19.4	100.0	102.8	11 mL
Conical Tube PP 50 mL	113550	27.5	29.5	114.0	115.2	50 mL
Round Bottom Tube 5 mL	113515	12.1	15.2	75.1	76.0	5 mL
	113516	12.1	15.2	75.1	76.0	5 mL
Round Bottom Tube 14 mL	113520	18.2	22.0	100.4	101.3	14 mL
	113521	18.2	22.0	100.4	101.3	14 mL

Semen Collection Container 100 mL

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Product code(s) & Packaging

Article code	Units per pouch	Units per box
113102	5 (individually sealed)	200
113103	1 (single packed)	150

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
High-Density Polyethylene	White	Polypropylene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
57.65	61.6	71.75	72.7

Centrifugable	Venting	Labelling	Volume
No	No	Paper Adhesive	100 mL

User benefits

Guaranteed sterility
Individually sealed for guaranteed sterility.

Practical labelling area
A clear labelling area for easy, error-free tracking.
LOT number printed directly on the container - not only on the packaging - for full traceability.

Improved handling
A soft, rounded edge for added patient comfort.
A trusted screw cap for a secure, leak-free seal.

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Microvial PP

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113303	10	1000

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
High-Density Polyethylene	Opaque	Polypropylene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
12.65	13.3	39.8	46.7

Centrifugable	Venting	Labelling	Volume
Yes Max 3.500 G	No	Frosted area	1.8 mL

User benefits

Clear measuring
Printed measuring scale.

Labelling area
Frosted labelling area.

Improved handling
Secure closure with screw cap.

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Conical Tube PS 15 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113506	10	1000

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
High-Density Polyethylene	Yellow	Polystyrene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
20.95	21.0	119.8	121.0

Centrifugable	Venting	Labelling	Volume
Yes Max 4.100 G	No	Frosted area	15 mL

User benefits

Practical labelling area
Frosted labelling area.

Improved handling
Clear see-through plastic.
Moulded measuring scale.

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03 ~ ART Container Portfolio

Conical Tube PP 11 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113511	10	1000

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
High-Density Polyethylene	White	Polypropylene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
17.0	19.4	100	102.8

Centrifugable	Venting	Labelling	Volume
Yes Max 4.000 G	No	Frosted area	11 mL

User benefits

Clear measuring
Moulded measuring scale.

Practical labelling area
Frosted labelling area.

CE | MD | STERILE R | MEA TESTED LAL / SMA | MADE IN EUROPE

Conical Tube PP 50 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113550	1 (single packed)	200

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
High-Density Polyethylene	Opaque	Polypropylene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
27.5	29.5	114	115.2

Centrifugable	Venting	Labelling	Volume
Yes Max 20.000 G	No	Frosted area	50 mL

User benefits

Clear measuring
Moulded measuring scale.

Practical labelling area
Frosted labelling area.

03 ~ ART Container Portfolio

Round Bottom Tube 5 mL

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Product code(s) & Packaging

Article code	Units per pouch	Units per box
113515	1 (single packed)	800
113516	10	1800

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
Low-Density Polyethylene	Opaque	Polystyrene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
12.1	15.2	75.1	76

Centrifugable	Venting	Labelling	Volume
No	Yes	No	5 mL

User benefits

Stable and reliable storage
The Round Bottom Tube 5 mL provides stable and reliable storage in both vented and sealed conditions.

Adequate cap
The cap ensures adequate gassing of stored solutions.

The cap ensures
The unique cap avoids accidental sealing.

One handed operability
The tube is designed for easy one-handed opening and closing, making it practical and efficient in the lab.

Round Bottom Tube 14 mL

smART LABWARE

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113520	1 (single packed)	600
113521	10	1000

Product specifications

Material cap	Cap Color	Material Container	Aspect Container
Low-Density Polyethylene	Opaque	Polystyrene	Clear

Diameter excl. cap	Diameter incl. cap	Height	Height incl. cap
18.2	22	100.4	101.3

Centrifugable	Venting	Labelling	Volume
No	Yes	No	14 mL

User benefits

Stable and reliable storage
The Round Bottom Tube 14 mL provides stable and reliable storage in both vented and sealed conditions.

Adequate cap
The cap ensures adequate gassing of stored solutions.

Unique cap
The unique cap avoids accidental sealing.

One handed operability
The tube is designed for easy one-handed opening and closing, making it practical and efficient in the lab.

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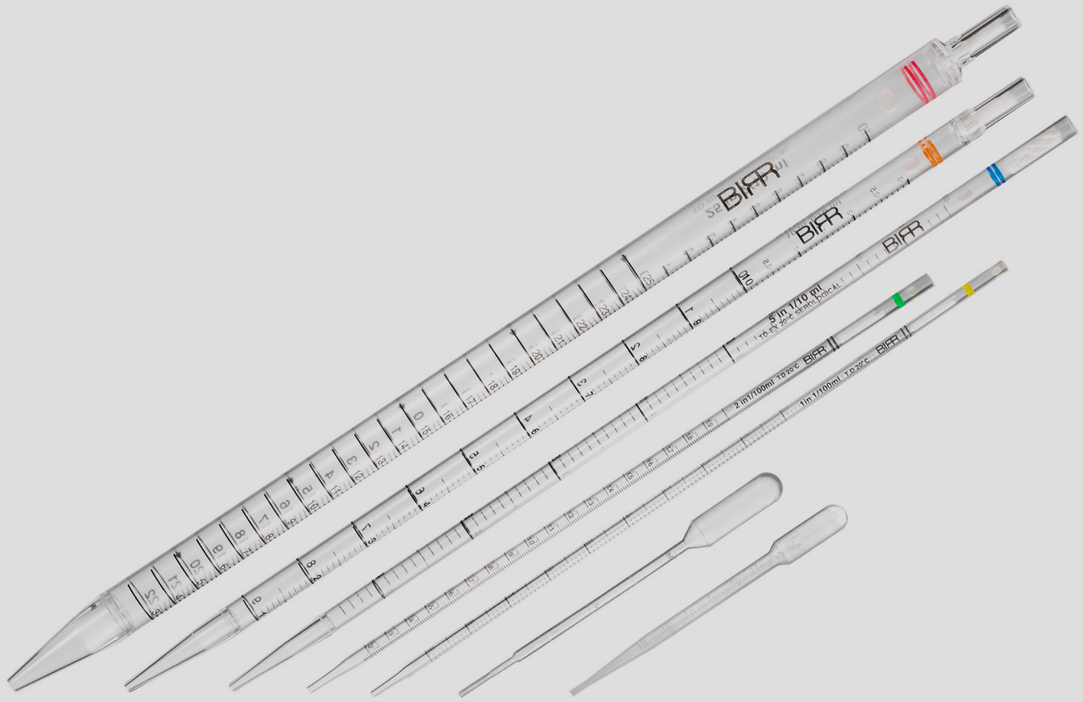
BIRR IVF Labware is designed and manufactured to meet the highest product and quality standards.



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03 ~ ART Pipettes Portfolio

Why Choose our ART Pipettes

Intended use
ART Pipettes are medical devices to be used for handling of gamete, embryos, culture media and oil for use in ART.

Pipettes free from harmful substances
ART Pipettes are made from clear **transparent plastic** and are non-pyrogenic, ensuring no harmful substances leach into the media. Designed without surface treatments or coatings, they maintain optimal conditions for gamete and embryo viability.

Two variants: Dropping Pipettes and Serological Pipettes
At BIRR, we offer a **broad portfolio** of ART Pipettes to accommodate the diverse methods and preferences of clinics worldwide. ART Pipettes come in two product variants: Dropping Pipettes and Serological Pipettes.

Explore our extensive range of ART Pipettes tailored to support every step of the assisted reproduction process.

BIRR ART Pipettes portfolio overview

Explore our comprehensive range of ART Pipettes, specifically designed to meet the diverse needs of assisted reproduction techniques. Below is an overview of our portfolio and packaging configuratios. For handling gametes, our products provide the highest quality standards.

Product name	Product code	Units/packs	Units/box
Dropping Pipettes 1 mL	113410	1	840
	113411	10	1200
Dropping Pipettes 3 mL	113420	1	840
	113421	10	1200
Serological Pipettes 1 mL	113701	1	1000
Serological Pipettes 2 mL	113702	1	1000
Serological Pipettes 5 mL	113705	1	500
Serological Pipettes 10 mL	113710	1	500
Serological Pipettes 25 mL	113725	1	200

03 ~ ART Pipettes Portfolio

ART Pipettes volume specifications

Below is a detailed overview of the Pipettes sizes and volumes for each ART Pipettes in the BIRR portfolio.

Product name	Product code	Mouth Diameter (mm)	Max Diameter (mm)	Height (mm)	Working Volume	Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
Dropping Pipettes 1 mL	113410	2.5	12.5	156	1 mL	1.0	1.0	0.25
	113411	2.5	12.5	156	1 mL	1.0	1.0	0.25
Dropping Pipettes 3 mL	113420	3.0	15.0	155	3 mL	3.0	3.0	0.5
	113421	3.0	15.0	155	3 mL	3.0	3.0	0.5
Serological Pipettes 1 mL	113701	3.0	4	275	1 mL	1.0	1.3	0.01
Serological Pipettes 2 mL	113702	3.0	6	275	2 mL	2.0	2.5	0.01
Serological Pipettes 5 mL	113705	3.0	8	340	5 mL	5.0	7.5	0.1
Serological Pipettes 10 mL	113710	3.0	10	340	10 mL	10.0	13.0	0.1
Serological Pipettes 25 mL	113725	3.0	25	345	25 mL	25.0	35.0	0.2

Dropping Pipette 1 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113410	1	840
113411	10	1200

Product specifications

Material	Color coding	Mouth Diameter (mm)
Low-Density Polyethylene	NA	2.5

Max Diameter (mm)	Height (mm)	Working Volume
12.5	156	1 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
1.0	1.0	0.25

User benefits

Fits perfectly into the Conical Tube 15 mL, reaching all the way to the bottom.

03 ~ ART Pipettes Portfolio

Dropping Pipette 3 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113420	1	840
113421	10	1200

Product specifications

Material	Color coding	Mouth Diameter (mm)
Low-Density Polyethylene	NA	3.0

Max Diameter (mm)	Height (mm)	Working Volume
15.0	155	3 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
3.0	3.0	0.5

User benefits

Fits perfectly into the Conical Tube 15 mL, reaching all the way to the bottom.

Serological Pipette 1 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113701	1	1000

Product specifications

Material	Color coding	Mouth Diameter (mm)
Polystyrene	Yellow	3.0

Max Diameter (mm)	Height (mm)	Working Volume
4	275	1 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
1.0	1.3	0.01

User benefits

The Paperfoil packaging ensures the Serological Pipette 1 mL can be easily removed.

Serological Pipette 2 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113702	1	1000

Product specifications

Material lid	Color coding	Mouth Diameter (mm)
Polystyrene	Green	3.0

Max Diameter (mm)	Height (mm)	Working Volume
6.0	275	2 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
2.0	2.5	0.01

User benefits

The Paperfoil packaging ensures the Serological Pipette 2 mL can be easily removed.

Serological Pipette 5 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113705	1	500

Product specifications

Material	Color coding	Mouth Diameter (mm)
Polystyrene	Blue	3.0

Max Diameter (mm)	Height (mm)	Working Volume
8.0	340	5 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
5.0	7.5	0.1

User benefits

The Paperfoil packaging ensures the Serological Pipette 5 mL can be easily removed.

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03 ~ ART Pipettes Portfolio

Serological Pipette 10 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113710	1	500

Product specifications

Material lid	Color coding	Mouth Diameter (mm)
Polystyrene	Orange	3.0

Max Diameter (mm)	Height (mm)	Working Volume
10.0	340	10 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
10.0	13.0	0.1

User benefits

The Paperfoil packaging ensures the Serological Pipette 10 mL can be easily removed.

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Serological Pipette 25 mL

Product code(s) & Packaging

Article code	Units per pouch	Units per box
113725	1	200

Product specifications

Material	Color coding	Mouth Diameter (mm)
Polystyrene	Red	3.0

Max Diameter (mm)	Height (mm)	Working Volume
25.0	345	25 mL

Graduated scale incl. only positive	Graduated scale incl. also negative	Graduated scale Incremental marks
25.0	35.0	0.2

User benefits

The Paperfoil packaging ensures the Serological Pipette 25 mL can be easily removed.

03 ~ ART Pipettes Portfolio

Notes

Notes

BIRR It's embryologic!

BIRR BioSciences B.V.
Bergseweg 4
3633 AK Vreeland
The Netherlands

Tel: +31(0)294 230389
Mail: info@birr.nl

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