BIOFIL®

YOUR RELIABLE PARTNER IN LIFE SCIENCE

Stock Code: 688026

Specialized Consumables for Assist Reproduction (Medical Device)

Registration Certificate No.: GDMDR 20232181838

In vitro fertilization (IVF) refers to the process of taking sperm and eggs out of the body and fertilizing egg with sperm in vitro in an artificially controlled environment. JET BIOFIL specialized consumables for assisted reproduction are designed to provide safe and reliable products for complex IVF and other assisted reproductive applications. These consumables undergo rigorous third-party testing, including biocompatibility, in vitro mouse embryo, and human sperm survival tests to ensure that human germ cells and embryos remain viable throughout the process of preparation, storage, operation, culture, and transfer in an in vitro environment.

Model: Center-well Culture Dish, 35/60/90mm Culture Dish (Flat Bottom), Four-well Culture Plate
Material: polystyrene (PS), conforming to USP Class VI standards

Features:

- Selecting medical-grade polystyrene as the preferred raw material for its highly transparent surface that facilitates the observation of eggs and embryos
- Smooth and thin bottom design for efficient heat transfer and constant temperature and pH
- Designed lid to facilitate aseptic operation and maintain a stable environment for embryo culture over long periods
- Gearring design on the dish side for easy hold and use to effectively reduce the risk of contamination
- Surface without TC treatment for optimum consistency of media droplets
- Conducting rigorous third-party testing to ensure non-embryotoxic, non-pyrogenic, non-cytotoxic, non-genotoxic, or non-mutagenic
- Implementing strict production and quality testing controls as per ISO 13485 and relevant GMP requirements to ensure stable and reliable product quality
- Sterilized by irradiation, SAL 10^{-6}

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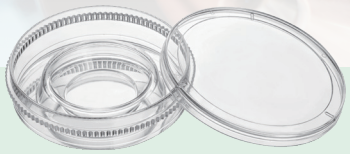
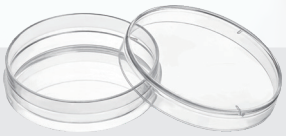
1



IVF-Specialized Center-well Culture Dish

- Size: 50.4×13.8 mm (dish); 21×14 mm (well)
- Purpose: Thawing frozen embryos to restore their biological activity, in vitro culture of embryos, and in vitro fertilization

2



IVF-Specialized 35 mm Culture Dish

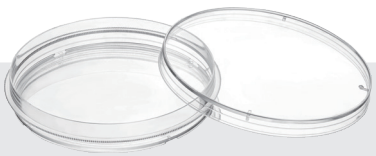
- Size: 33×10.5 mm (dish); 36×6 mm (lid)
- Purpose: In vitro fertilization, freezing and recovery of eggs or embryos, and in vitro culture of gametes or embryos

3

IVF-Specialized 60 mm Culture Dish

- Size: 52.5×15 mm (dish); 55.5×6 mm (lid)
- Purpose: Egg collection, washing, and digestion of granular cells outside the egg, in vitro fertilization, freezing and recovery of eggs or embryos, and in vitro culture of gametes or embryos

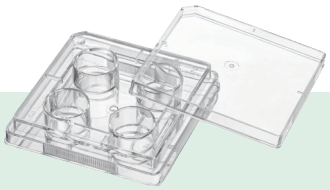
4



IVF-Specialized 90 mm Culture Dish

- Size: 85×14.5 mm (dish); 89×8 mm (lid)
- Purpose: Egg collection, washing, and digestion of granular cells outside the egg

5



IVF-Specialized Four-well Culture Plate

- Size: 16×12 mm (single well)
- Purpose: In vitro fertilization, freezing and recovery of eggs or embryos, and in vitro culture of embryos

Ordering Information:

Cat. No.	Model	Description	Surface Type	Sterile	Qty.Per Bag(Box)	Qty./Case
IVF050060	Center-well	IVF-Specialized Center-well Culture Dish	Non-treated	Y	10	600
IVF050035	35mm, Flat bottom	IVF-Specialized 35 mm Culture Dish	Non-treated	Y	10	960
IVF051060	60mm, Flat bottom	IVF-Specialized 60 mm Culture Dish	Non-treated	Y	10	600
IVF050090	90mm, Flat bottom	IVF-Specialized 90 mm Culture Dish	Non-treated	Y	10	500
IVF041004	Four-well plate	IVF-Specialized Four-well Culture Plate	Non-treated	Y	1	100

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