

Together all the way. Through thick and thin.

Oil for IVF should do nothing but protect the culture. It should not have any negative influence on the gametes, embryos or media. Most clinics today use oil to cover embryo culture dishes in order to maintain a stable temperature, osmolality and pH. The quality of such oil plays a very important role in IVF success.

New OVOIL HEAVY

For more than 25 years, OVOIL™ has been a symbol of quality and embryo safety in IVF – a staple in any embryologist's arsenal. With the accumulated experience we have from OVOIL, we have worked diligently to develop the newest edition to our culture oil family: OVOIL HEAVY™.

While OVOIL is a light paraffin oil, OVOIL HEAVY is a synthetic paraffin oil – with a higher viscosity that some users feel offers improved handling qualities over lighter oils. While this naturally is a question of preference, we are pleased to now be able to

offer two culture oils that cater to whichever yours might be.

The choice is yours

OVOIL and OVOIL HEAVY have gone through the same rigorous quality testing, making both oils ideally suited for the IVF procedures of today. This means you can choose the oil that best corresponds with your handling preferences – without having to compromise on quality and performance.

Extensive quality testing

OVOIL and OVOIL HEAVY are extensively quality tested products:

Sperm sensitivity testing

Human sperm oil assay

1-cell mouse embryo assays

- Sensitive CF1 mouse strain on raw material
- 1 cell, F1 hybrid mouse on finished product
- Mouse embryo assays with multiple end points for grading development
- Blastocyst differentiation staining and cell counts
- Micro drop test



Product specification

	OVOIL HEAVY™	OVOIL™
REF	10174	10029
Content	1x100 mL	1x100 mL
Packaging	Glass type 1 borosilicate bottle	Glass type 1 borosilicate bottle
Storage	Store dark at +2 to +8°C. During transportation temperature may exceed +8°C but not +25°C, for a maximum of seven days.	Store dark at +2 to +8°C
Shelf life	52 weeks from the date of manufacturing	51 weeks from the date of manufacturing
Indication for use	Oil for covering of medium during in vitro fertilisation and micro-manipulation procedures	Oil for covering of medium during in vitro fertilisation and micro-manipulation procedures
Description	High viscosity oil, sterile filtered.	Light paraffin oil, sterile filtered.
Application	For use after equilibration at +37°C in CO ₂ -incubator or ambient atmosphere, depending on the intended use.	For use after equilibration at +37°C in CO ₂ -incubator or ambient atmosphere, depending on the intended use.
Raw materials	The raw materials are tested and evaluated by stringent quality control procedures.	The raw materials are tested and evaluated by stringent quality control procedures.
Product properties		
Sterility	No evidence of microbial growth	1E-3
Bacterial endotoxins (LAL assay) [IU or EU/mL]	< 0.25	< 0.25
Mouse embryo assay (1-cell) [% expanded blastocyst within 96 hours]	≥ 80	≥ 80
Mouse embryo assay (1-cell) [cell number within 96 hours]	No statistical difference	No statistical difference
Micro droplet mouse embryo assay (1-cell) [% expanded blastocyst within 96 hours]	PASS	PASS
Micro droplet mouse embryo assay (1-cell) [cell number within 96 hours]	No statistical difference	No statistical difference
Human sperm oil assay	PASS	PASS

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