

PureSperm® Wash

Balanced

PureSperm® Wash invigorates the sperm, gives optimised results and contains no antibiotics or phenol-red. Choose an integrated approach to sperm preparation and use PureSperm® Wash that is ionically and osmotically balanced to fit the specific needs of the sperm.



Optimised for washing the sperm pellet recovered from a PureSperm® density gradient preparation, for use in the swim-up method and for extending semen or sperm pellet for use in IUI.

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Maximise

PureSperm® Wash minimises sudden pH and osmotic changes during the transition of sperm from the semen sample to fertilisation medium. It maximises the yield of motile sperm and improves the fertilisation potential.

PureSperm® Wash is supplied as an isotonic solution, without antibiotics or unstable additives. Using borosilicate Type 1 glass bottles ensures that Na⁺ ions do not leach into the preparation. This prevents changes in Na⁺ levels and osmolality that impair sperm survival and function.

Technical Information

PureSperm® Wash is a sterile, isotonic, HEPES-buffered salt solution.

Performance characteristics

pH	7.3 - 8.5
Osmolality (mOsm/kg H ₂ O)	290 - 300
Endotoxin levels (EU/mL)	<1.0
Human sperm survival 18 hours after density gradient preparation	>70%
Bottles and stoppers are M.E.A tested.	

Components

Sodium chloride	Purified water
Potassium chloride	Calcium lactate
Magnesium sulphate	Glucose
Potassium dihydrogen phosphate	Pyruvate
Sodium bicarbonate	EDTA
Human serum albumin (hSA)	HEPES

Storage conditions and shelf life

Store unopened at ambient temperature for up to one year from production date. After opening under sterile conditions, store sealed at 2 to 8 °C.

Ordering Information

Volume	Article No.
100 mL	PSW-100

12 months shelf life



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