

PureSperm[®] Buffer

Optimisation

PureSperm[®] Buffer is an optimised salt solution for the dilution of PureSperm[®] 100 to your preferred concentrations. It contains no antibiotics or phenol-red.



Optimised for dilution of PureSperm[®] 100 prior to gradient separation.

PureSperm® Buffer



Balanced

PureSperm® Buffer is a balanced salt solution designed specifically for diluting PureSperm® 100 to create desired density of the gradient. The optimised formulation of PureSperm® Buffer is designed to maximise sperm survival during density gradient centrifugation.

Contains no hSA, no antibiotics or phenol-red. The gradient itself separates out the bacteria and therefore no antibiotics are needed.

Viscous sperm samples can be treated with PureSperm® Buffer

Technical Information

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

Performance characteristics

pH	7.4 - 7.8
Osmolality (mOsm/kg H ₂ O)	300 - 310
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	HEPES
Potassium chloride	EDTA
Sodium citrate	Glucose
Calcium lactate	Purified water
Sodium pyruvate	

Storage conditions and shelf life

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

Ordering Information

Volume	Article No.
100mL	PSB100

24 months shelf life



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