

# PureSperm<sup>®</sup> 40/80/90

## Improved Formula

More optimised salt balance.

PureSperm<sup>®</sup> 40/80 and 40/90 are proven two-layer systems for density gradients. They are ready-to-use, give consistent results and contain no hSA, antibiotics or phenol-red.



# PureSperm® 40/80/90



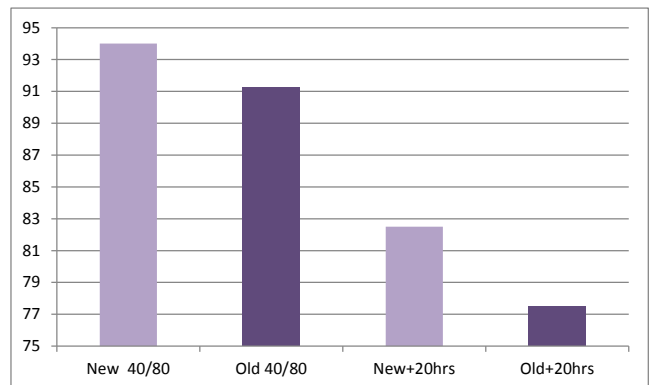
## Great Flexibility

**PureSperm® 40, PureSperm® 80 and PureSperm® 90**  
Ready-to-use density gradient solutions, 40,80 and 90%. They make work in the lab easier and minimize the risk for mistakes

Greater flexibility; a 40/80 combination or a 40/90. Both are two-layer systems for density gradients, the 40/90 gives higher motility and the 40/80 gives a higher yield.

Can be stored at room temperature for up to 2 years from production date, ensuring minimal wastage.

### Improved formula - higher motility



#### Technical Information

PureSperm® 40, PureSperm® 80 and PureSperm® 90 consist of colloidal silica particles stabilised with covalently bound hydrophilic silane. The preparations are supplied ready for use in a sterile, isotonic buffered solution containing glucose and EDTA.

#### Performance characteristics

pH	7.4 - 7.8
Osmolality (mOsm/kg H <sub>2</sub> O)	300 - 310
Endotoxin levels (EU/mL)	<1.0
Human sperm survival 18 hours after density gradient preparation	>70%

#### Components

Silane-coated silica	EDTA
Potassium chloride	Glucose
Sodium chloride	Calcium chloride
Purified water	Calcium lactate
HEPES	Sodium pyruvate

#### Storage conditions and shelf life

Store unopened at ambient temperature for up to 2 years from production date. Same shelf life applies even after opening under sterile conditions, store sealed at 2 to 8 °C.

#### Ordering Information

Volume	Article No.
20mL PS40, 20mL PS80	PSK-020
100mL PS40	PS40-100
100mL PS80	PS80-100
100mL PS90	PS90-100



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