

Reagent	Catalogue number	Provider
Urea (NH ₂ CONH ₂)	U5378	Sigma-Aldrich
NaCl	S9888	Sigma-Aldrich
TMAO - Trimethylamine N-oxide	317594	Sigma-Aldrich
KCl	P3911	Sigma-Aldrich
Glucose (C ₆ H ₁₂ O ₆)	G7021	Sigma-Aldrich
CaCl ₂ ·2H ₂ O	223506	Sigma-Aldrich
NaHCO ₃	S5761	Sigma-Aldrich
Na ₂ SO ₄	239313	Sigma-Aldrich
MgSO ₄	M2643	Sigma-Aldrich
Methanol	131091	PanReac Química SLU
DMSO - Dimethyl sulfoxide	ICNA0219605591	VWR International Eurolab S.L
LIVE/DEAD Sperm Viability Kit	L7011	Thermo Fisher Scientific