

KSOM Medium*Cell Culture Medium***Catalogue Number:** CE002**Description:** Formulated for embryo culture medium to support the development of your embryos in culture.**Formulation:** Ready-to-use, sterile filtered solution**Ingredients (gram per liter):**

NaCl	5.55
KCl	0.185
KH ₂ PO ₄	0.0475
MgSO ₄ ·7H ₂ O	0.0495
Na.lactate	1.87
D-Glucose	0.036
Na.pyruvate	0.022
NaHCO ₃	2.1
L-Glutamine	0.145
EDTA (tetrasodium salt)	0.0038
CaCl ₂ ·2H ₂ O	0.251
Penicillin G	0.063
Streptomycin Sulfate	0.05
Bovine serum albumin (BSA)	1.0
MEM Essential Amino Acids	
MEM Non-essential Amino Acids	

Pack Size: 100 mL**Storage/Stability:** 4°C for 6 months from the date of shipping.**References:**

1. G. T.Erbach . J.A. Lawitts, V. E. Papaioannou, J.D. Biggers (1994). Differential Growth of the Mouse Preimplantation Embryo in Chemically Defined Media, *Biology of Reproduction*, 50, 1027-1033.
2. J.A.Lawitts, J.D.Biggers (1993). Cultute of Preimplantation Embryos. *The Methods in Enzymology*, v. 225, 153-165.

FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES