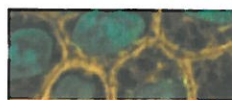




COSMO BIO CO., LTD.
Inspiration for Life Science



Cell Culture

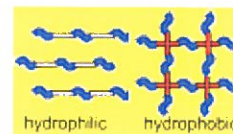
Cell and Tissue Culture Product Sampler

Cosmo Bio USA (Carlsbad, CA) is the essential source for 1000's of unique and routine biotools from Japan

www.cosmobiousa.com

Mebiol® Gel - Culture Substrate

Innovative thermo-reversible gel polymer for cell/tissue culture
Mebiol Gel is liquid at low temperature and solid at high temperature. Useful as a substrate for ES cells, chondrocytes, cancer cells, etc. In contrast to other hydrogels, Mebiol Gel is synthetic and resists contamination by pathogens. As a highly lipophilic hydrogel, Mebiol Gel may also be used in drug delivery applications.



Sol-Gel transition occurs upon heating of Mebiol Gel.

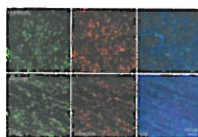
MBG-PMW20-1001	Mebiol® Gel	1 X 10 ml
MBG-PMW20-5001	Mebiol® Gel	1 X 50 ml

culture substrates

Chitosan Nanofiber Cultureware

Advanced Cell & Tissue Culture Substrates

Polysaccharide polymer derived from chitin features improved adhesion of cultured cells. Spatially aligned, electrospun chitosan nanofiber coated surfaces present a uniquely efficient culture substrate compared to poly-L-lysine or collagen coated surfaces.



Cell culture of Schwann cell and primary mouse DRG on chitosan nanofiber coverslip (aligned).

HKS-HSCXX Chitosan Nanofiber cover slips
HKS-HSPXX Chitosan Nanofiber multiwell plates

M-Stars - for epithelial culture

Complete culture media optimized for epithelial cells. Excellent for primary corneal epithelia and oral mucosa epithelium. M-Stars is ready to use right out of the bottle, complete with growth factors, fetal bovine serum, and antibiotic.



M-Stars epithelium growth media

ARL-ARB-061	M-Stars A (+FBS, +gentamicin)	500 ml
ARL-ARB-062	M-Stars B (-FBS, +gentamicin)	500 ml
ARL-ARB-063	M-Stars C (+FBS, -gentamicin)	500 ml
ARL-ARB-064	M-Stars D (-FBS, -gentamicin)	500 ml

CardioDISC™ - ECM Scaffold

CardioDISC™ is a sheet-formed cell-culture scaffold derived from decellularized bovine pericardium, leaving a physiologically relevant extracellular matrix free from bovine antigen with high affinity for cells, excellent biocompatibility, and low cytotoxicity.



CardioDISC™ extracellular matrix

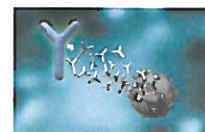
CDO-C-01-01-EX	CardioDISC (21mm)	12 discs
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culture substrates

COSMEDIUM 001 - for mouse hybridoma cells

Serum free media optimized for mouse hybridoma cell growth

Based on a 1:1 mix of Eagle's MEM and RPMI 1640, use chemically defined Cosmedium for the serum-free culture of mouse hybridoma cells, in the absence of albumin. Great for limiting dilution cloning. Aids in antibody purification. Ready to use right out of the bottle.



KOJ-COS-001	COSMEDIUM 001	500 ml
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culture media

Fertiup - C57BL/6 sperm magic

In Vitro Fertilization Applications

A newly developed system that improves viability and IVF efficiency following cryopreservation of mouse sperm. Developed specifically for C57BL/6 but also works with other strains.



FertiUP™ cryopreservation system

KYD-001-EX FertiUp Mouse Sperm Cryoprotectant
KYD-002-EX Mouse Sperm Preincubation Media

KM Banker - one-step cell storage

Eliminates the need for liquid nitrogen

Serum-free solution for long-term cell culture storage without liquid nitrogen. No animal products added. Ready to use.



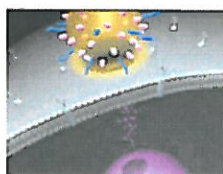
serum-free KM Banker

KOJ-16092005	KM Banker	120 ml
KOJ-16092010	KM Banker II	120 ml

cryoprotectants

GenomONE™ - The Truly Unique Transfection Alternative

HVJ-envelope technology for highly efficient transfection of DNA, RNA, and protein into most cell types by membrane fusion. Highly cited. Using the same technology, GenomONE-CF replaces PEG for superior performance in all cell fusion applications.



HVJ-Envelope Technology bypasses the endocytic pathway

ISK-GN001-EX	GenomONE-Neo Transfection Kit
ISK-AB001-EX	GenomONE-CAB Antibody Delivery Kit
ISK-CF001-EX	GenomONE-CF Cell Fusion Kit

AteloGene™ - in vivo protein knockdown

From the leading innovator of advanced atelocollagen products, proven Atelogene delivers siRNA into cells to promote efficient protein knockdown in live mice. Available in kits formulated specifically for localized or systemic administration.



AteloGene™ siRNA transfection system for mouse protein knockdown.

KOU-1392	AteloGene - for localized use
KOU-1393	AteloGene - for systemic use

transfection

Purified Native & Atelo-Collagen Solutions

From Koken, the leader in collagen technology. Highly purified, quality controlled sterile solutions (pH 3.0) of acid solubilized (native collagen) and pepsin solubilized (atelocollagen) Type 1 collagen from bovine dermis for coating cultureware and other substrates. Forms fibrils at neutral pH and 37°C



KKO-IPC-(30/50)	Atelocollagen	3 or 5mg/ml
KKO-IAC-(30/50)	Native Collagen	3 or 5 mg/ml

Atelocollagen Cell Media

From Koken, the leader in collagen technology. Sterile solutions of bovine dermis atelocollagen formulated in popular media (pH 7.4) for cell culture applications. Forms fibrils at 37°C.



KKO-MEN-02	Atelocollagen Eagle's MEM	2mg/ml
KKO-HAN-02	Atelocollagen Hank's	2mg/ml
KKO-DME-02	Atelocollagen DME	2mg/ml

collagen solutions



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