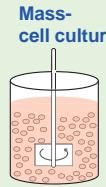


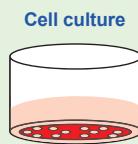
Atelocollagen Microspheres



Excellent for high density culture and easily harvested by collagenase treatment. Atelocollagen Microspheres offer a surface area of approximately 3,800 cm² /15 mL.

Cat. No.	Description	Quantity	Storage
KOU-MIC-00	Collagen Microspheres	15 mL/btl	4°C (Do not freeze)

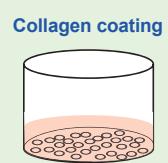
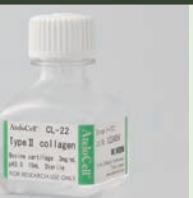
Collagen Sponge



A porous but not honeycomb collagen sponge prepared from an insoluble Type I collagen obtained from tendon. Recommended for culture on the sponge.

Cat. No.	Description	Quantity	Storage
KOU-CS-35	Collagen sponge for 35mm culture dish	5 pc/box	room temperature

Type II Collagen



A Type II atelocollagen extracted from cartilage, suitable for coating cultureware, induction of collagen-induced arthritis and cartilage research.

Cat. No.	Description	Quantity	Storage
KOU-CL-22	Type II collagen	10 mL/btl	4°C

Atelocollagen Powder



Acidic solution soluble powdered atelocollagen suitable for preparing high concentration solutions. Recommended for cell transplantation by injection and for sustained release of biologically active compounds.

Cat. No.	Description	Quantity	Storage
KOU-CLP-01	Atelocollagen powder	500 mg/btl	-20°C

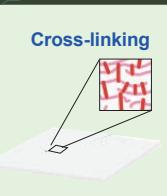
Atelocollagen Membrane



Frameless permeable Type I atelocollagen membrane. Cross-linked for strength. Dimensions: 100 mm x 90 mm x 35 um.

Cat. No.	Description	Quantity	Storage
KOU-CLF-01	Atelocollagen Permeable Membrane Sheet	1 sheet/box	-20°C

Atelocollagen Sponge



A non-crosslinked atelocollagen sponge. Suitable for cross-linking. Atelocollagen Sponge will collapse if hydrated prior to cross-linking. Dimensions: 90 mm x 80 mm x 5mm

Cat. No.	Description	Quantity	Storage
KOU-CLS-01	Atelocollagen sponge	1 pc/box	4°C

World distributor



COSMO BIO USA.

2792 Loker Avenue West, Suite 101, Carlsbad, CA 92010
USA Phone : +1 760-431-4600 / Fax : +1 760-431-4604
e-mail : support@cosmobiousa.com
web : <https://www.cosmobiousa.com/>

Please don't hesitate to contact us with any questions related to product selection or use.

Order Online: cosmobiousa.com

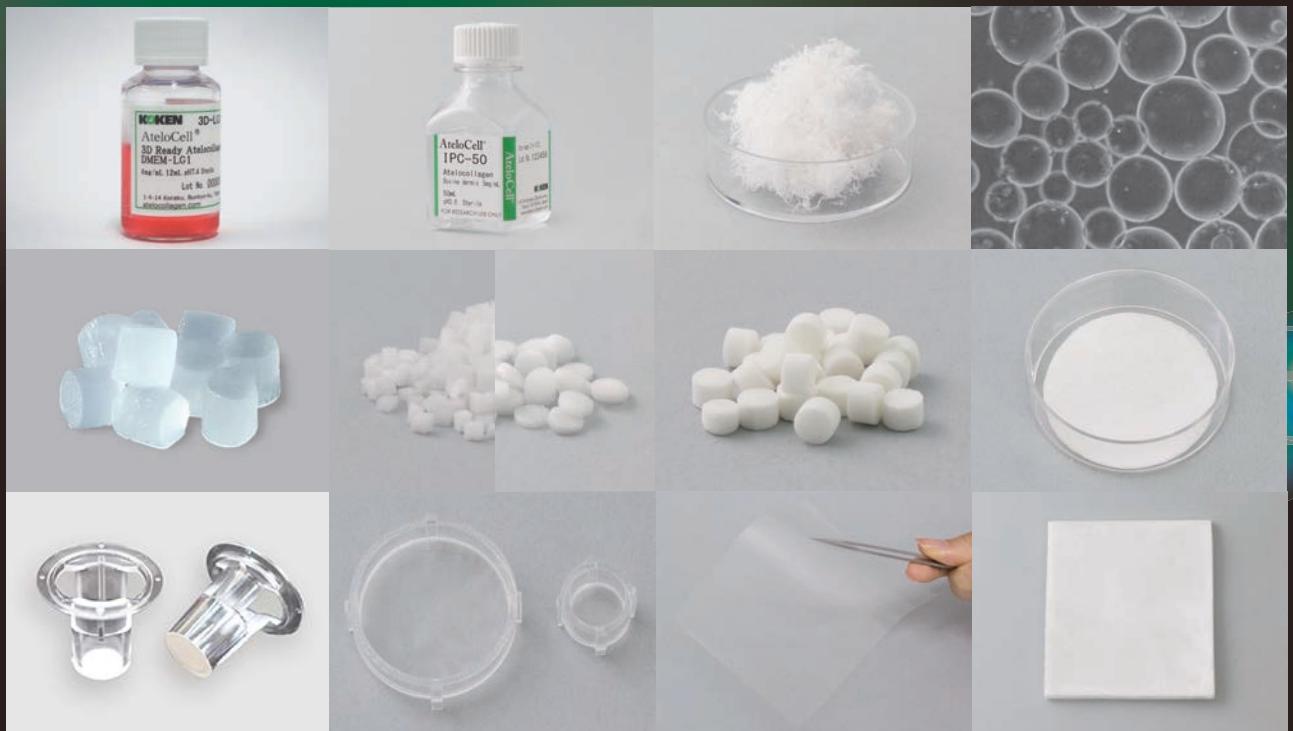
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Collagen for Cell Culture

AteloCell®

The AteloCell® collagen product series offers high-purity, high-performance solutions, membranes, and fabricated scaffolds, perfectly suited for routine cell culture and advanced model systems development.



COSMO BIO USA.

Collagen Acidic Solutions I-PC•I-AC

Versatile, highly shelf-stable acidic solution with little risk of denaturation.
Gels upon neutralization and warming.



Learn the difference between IPC and IAC solutions. See "What Is Atelocollagen"? on the next page.

Cat. No.	Description	Quantity	Storage
KOU-IPC-30	Atelocollagen, Bovine dermis, 3 mg/mL	50 mL/btl	4°C
KOU-IPC-50	Atelocollagen, Bovine dermis, 5 mg/mL	50 mL/btl	4°C
KOU-IAC-30	Native collagen, Bovine dermis, 3 mg/mL	50 mL/btl	4°C
KOU-IAC-50	Native collagen, Bovine dermis, 5 mg/mL	50 mL/btl	4°C

3D Ready Atelocollagen

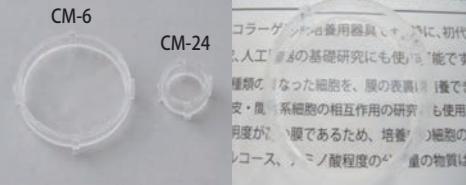


A ready-to-use IPC solution.
Proven for organoid culture.

Easily create stable gels right out of the bottle. Warm to 37°C and go!

Cat. No.	Description	Quantity	Storage
KOU-3D-LG01	3D Ready Atelocollagen, DMEM, Low Glucose	12 mL/btl	-20°C
KOU-3D-LG05	3D Ready Atelocollagen, DMEM, Low Glucose	12 mL/btl x5	-20°C
KOU-3D-HG01	3D Ready Atelocollagen, DMEM, High Glucose	12 mL/btl	-20°C
KOU-3D-HG05	3D Ready Atelocollagen, DMEM, High Glucose	12 mL/btl x5	-20°C

Atelocollagen, Permeable Membrane



Permeable, transparent membrane impermeable to cells, permeable to small and medium sized molecules.

Cat. No.	Description	Quantity	Storage
KOU-CM-6	Atelocollagen Permeable Membrane (6 well)	12 pcs/box	-20°C
KOU-CM-24	Atelocollagen Permeable Membrane (24 well)	24 pcs/box	-20°C

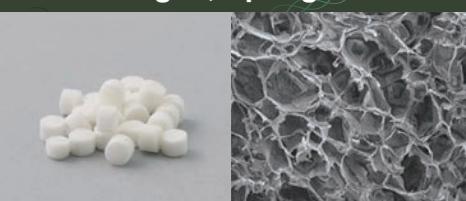
FibColl® Atelocollagen Inserts



Culture-well inserts housing a fibrous, cell impermeable atelocollagen membrane permeable to ~600 kDa MW molecules. Suitable for observation with a phase contrast microscope.

Cat. No.	Description	Quantity	Storage
KOU-FAI-24	FibColl® Atelocollagen Inserts	24 pcs/bag	room temperature

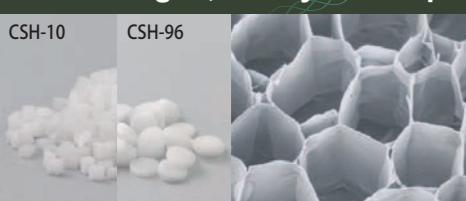
Atelocollagen, Sponge MIGHTY



A general purpose atelocollagen sponge with pore size 100-200 um, MIGHTY earns its name. Withstands compression forces up to 40kPa.

Cat. No.	Description	Quantity	Storage
KOU-CSM-25	Atelocollagen sponge Mighty	25 pcs/btl	room temperature
KOU-CSM-50	Atelocollagen sponge Mighty	50 pcs/btl	room temperature

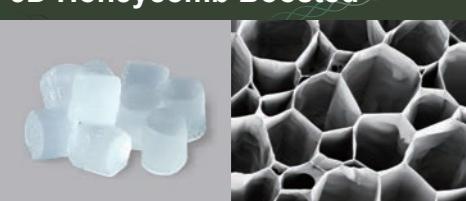
Atelocollagen, Honeycomb Sponge



An atelocollagen sponge characterized by 200-400 um honeycomb-like pores. Suitable for nerves and blood vessels.

Cat. No.	Description	Quantity	Storage
KOU-CSH-10	Atelocollagen Honeycomb sponge	100 mg/btl	room temperature
KOU-CSH-96	Atelocollagen Honeycomb Disc 96	25 sheets/btl	room temperature

3D Honeycomb Boosted



The honeycomb-structure pores (pore size 100-300 μ m) enable cell culture at a scale of 10^6 cells.

Cat. No.	Description	Quantity	Storage
KOU-3D-HCB	3D Honeycomb Boosted	25 pcs/btl	4°C

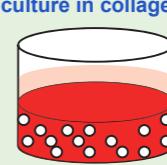
Conventional cell culture /Air liquid interface culture



Co-culture



3D culture

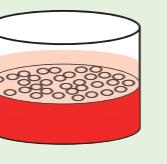


Sustained Compound Release /Cell Transplantation/Others

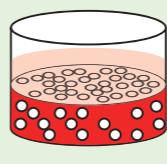


To prepare highly concentrated solutions suitable for injection, we recommend using Atelocollagen Powder (Cat#KOU-CLP-01) shown on the back page. Please feel free to contact us, below.
cosmobiousa.com/

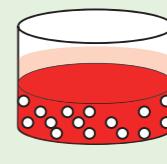
Culture on collagen gel



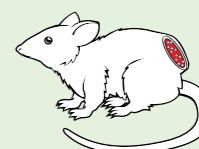
Co-culture



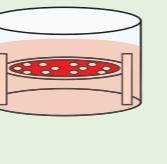
3D culture in collagen gel



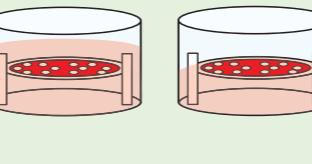
Cell sheet transplantation



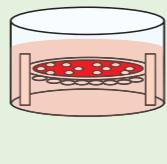
Culture on membrane



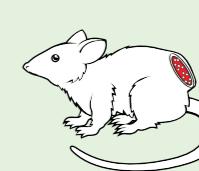
Air liquid interface culture



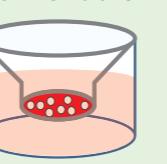
Co-culture without direct cell-cell contact



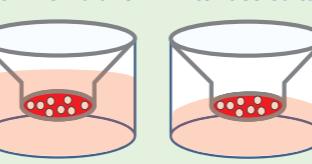
Cell sheet transplantation



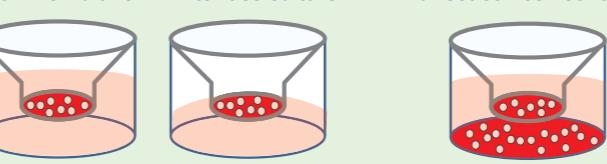
Culture on membrane



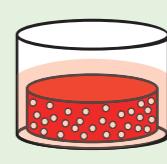
Air liquid interface culture



Co-culture without direct cell-cell contact



3D culture in collagen sponge



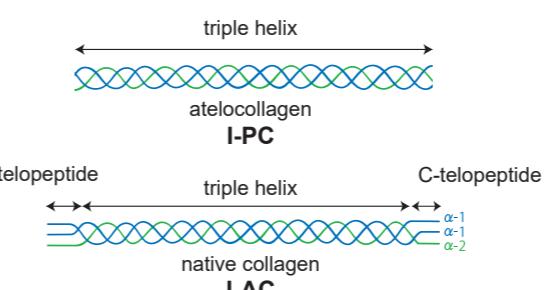
Cell transplantation



Sustained release of physiologically active substances

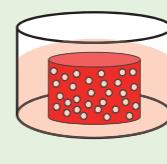


What is Atelocollagen?

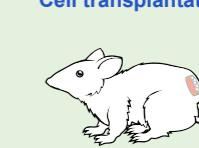


Atelocollagen (I-PC) is produced by removing the antigenic telopeptide ends from native collagen by protease treatment. Atelocollagen retains the triple-helix structure and other properties of native collagen, though native collagen gels are slightly stiffer and more transparent.

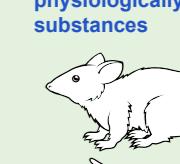
3D culture in collagen sponge



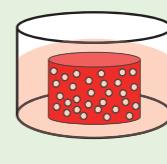
Cell transplantation



Sustained release of physiologically active substances



3D culture in collagen sponge



Cell transplantation

