COSMO BIO CO., LTD.
Inspiration for Life Science

KOKEN

AteloCell®

Atelocollagen sponge, MIGHTY

Cat No.:	KOU-CSM-25	
Lot No.:	XXXXXX	
ORIGIN:	Bovine dermis	
STORAGE:	Room Temperature	
REFERENCES:	Refer to the AteloCell® website http://www.cosmobio.com	
	Specification	Results
COMPRESSIVE STRENGTH:	10～30 kPa	18.2 kPa
SIZE		
DIAMETER:	4.3～4.7 mm	4.40 mm
HIGHT:	2.6～3.4 mm	2.99 mm

Notes: These measurements are under dry condition.
This product can be expanded to approximately
5 mm (diameter) and 3 mm (hight) under wet condition.

STERILITY TEST: (Medium: TGC-I and SCD)	Negative	Pass
CELL CULTURE TEST: (Cell: Human Fibroblast)	Normal	Pass

FOR RESERCH USE ONLY, NOT FOR HUMAN BODY.

Manufactured by KOKEN Co., Ltd. KOKEN

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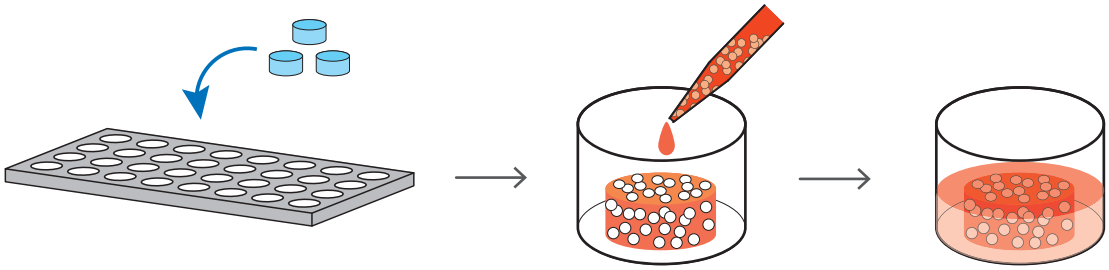
Seeding cells onto collagen sponge Mighty

A. Standard cell seeding

(1) Place Mighty into each well of a 96-well plate.
(2) Gently add 50 μL of the cell suspension onto Mighty.
(3) Fill the well with cell culture medium.



B. Seeding cells evenly onto Mighty

(1) Place Mighty into each well of a 96-well plate.
(2) Apply 100 μL of cell suspension prepared with collagen-containing medium*1 to Mighty*2.
(3) Centrifuge the plate at 500 x g for 1-5 min.
(4) Fill the well with cell culture medium.

*1: Collagen-containing medium can be obtained by mixing a medium and an acidic collagen solution (IPC-50 or IAC-50). Refer to the instructions for preparing collagen solutions for details.
*2: Use of collagen-containing medium allows even distribution of cells in Mighty. Collagen-containing medium also prevents the degradation of Mighty when mechanical pressure is applied to evenly distribute the seeded cells inside Mighty.