

BioMIMESYS®

Adipose Tissue

96 well-plate format

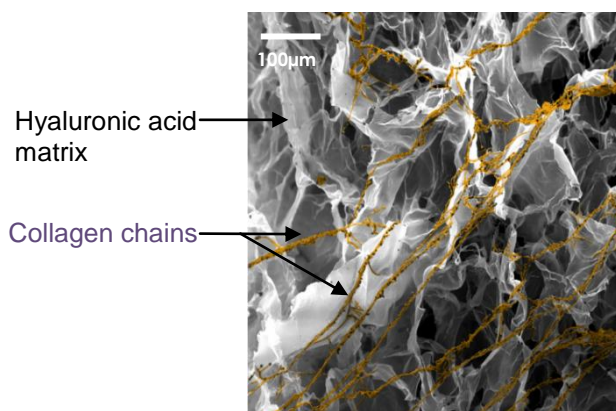
➤ Product

BIOMIMESYS® *Adipose tissue* is provided in a practical ready-to-use 96-well, low attachment plate format containing 96 or 24 hydrogels. Each well contains a lyophilized sterile hydrogel. Sterilization is performed using UV radiation.

Note: Hydro scaffold will absorb humidity if placed dry in the incubator. It is therefore strongly recommended to seed or rehydrate all Hydro scaffolds before placing the plate in the incubator.

➤ Composition

BIOMIMESYS® *Adipose tissue* is made of RGDS grafted Hyaluronic acid (HA-g-RGDS) (1.6 MDa), Adipic acid dihydrazide crosslinker (ADH) and extracellular matrix (ECM) proteins (collagen type I and collagen type VI).



BIOMIMESYS® *Adipose tissue* section
(SEM)

➤ Characteristics

BIOMIMESYS® *Adipose tissue* becomes transparent approximately 24 hours after rehydration.

BIOMIMESYS® *Adipose tissue* has the following characteristics:

- Rheology, Young's modulus:
 $E = 0.5 \pm 0.05$ kPa
- Porosity: 170-70 μm

➤ Storage

BIOMIMESYS® *Adipose tissue* should be stored at 2 – 8°C and kept away from air, light and humidity. The expiration date of BIOMIMESYS® *Adipose tissue* is 12 months from the “production release date”. Please check the “production release date” on product label.

■ Use

Protocols have been developed for various uses including: immunofluorescence staining, metabolic activity measurements, cell viability, hydro scaffold degradation, histology, cell staining, ELISA, protein and RNA extraction.

Please visit our website www.biomimesys.com for more information on our products (protocols, MSDS etc.,)

For support, contact us: hello@biomimesys.com