

## BioMIMESYS®

## Liver

## 96 well-plate format

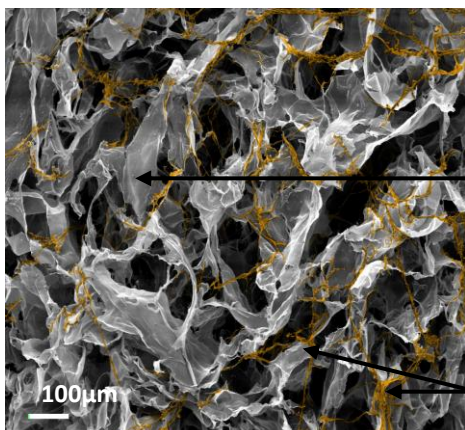
## ➤ Product

BIOMIMESYS®*Liver* is provided in a practical ready-to-use 96-well, low attachment plate format containing 96, 48 or 24 hydrogels. Each well contains a lyophilized sterile hydrogel. Sterilization is performed using UV radiation.

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

## ➤ Composition

BIOMIMESYS®*Liver* scaffold is made of RGDS-grafted Hyaluronic acid (HA-g-RGDS) (1.6 MDa), galactosamine-grafted Hyaluronic acid (HA-g-GalN), Adipic acid dihydrazide crosslinker (ADH) and extracellular matrix (ECM) proteins (collagen type I and collagen type IV).



BIOMIMESYS®*Liver* section (SEM)

## ➤ Characteristics

BIOMIMESYS®*Liver* becomes transparent approximately 24 hours after rehydration. BIOMIMESYS®*Liver* has the following characteristics:

- Rheology, Young's modulus:  
 $E = 0.6 \pm 0.10$  kPa
- Porosity:  $117 \pm 23$  µm

## ➤ Storage

BIOMIMESYS®*Liver* should be stored at 2 – 8°C and kept away from air, light and humidity. The expiration date of BIOMIMESYS®*Liver* 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, hydrogel degradation, histology, cell staining, ELISA, protein and RNA extraction.

Please visit our website [www.biomimesys.com](http://www.biomimesys.com) for more information on our products (protocols, MSDS etc.,)

For support, contact us: [hello@biomimesys.com](mailto:hello@biomimesys.com)