

BioMIMESYS®
Liver

96 well-plate format

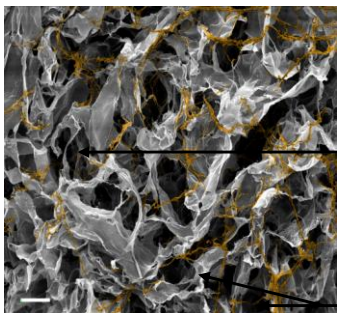
> Product

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

Note: Hydroscaffold 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* Hydroscaffold™ 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).



Hyaluronic acid matrix

Collagen chains

BIOMIMESYS® *Liver* section (SEM)

> Characteristics

BIOMIMESYS® *Liver* becomes translucent approximately quickly after rehydration. BIOMIMESYS® *Liver* has the following characteristics:

- Rheology, Young's modulus:
 $E = 0.6 \pm 0.10$ kPa
- Porosity: $117 \pm 23 \mu\text{m}$

> 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 after 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, hydroscaffold degradation, histology, cell staining, 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

Field Code Changed