

## BioMIMESYS®

## Oncology

## 96 well-plate format

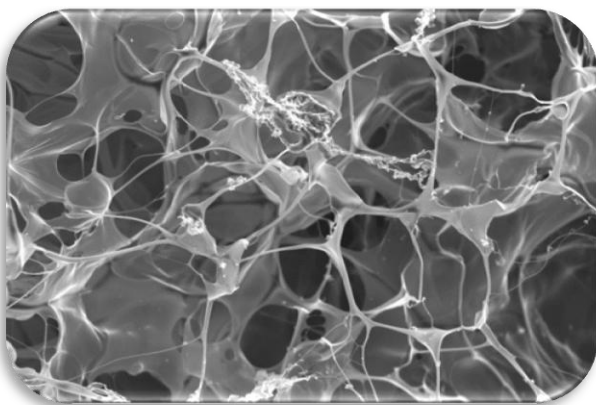
## ➤ Product

BIOMIMESYS® *Oncology* 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: Hydrosc scaffold will absorb humidity if placed dry in the incubator. It is therefore strongly recommended to seed or rehydrate all Hydrosc scaffolds before placing the plate in the incubator.

## ➤ Composition

BIOMIMESYS® *Oncology* is made of Hyaluronic acid (HA) (1.6 MDa), Adipic acid dihydrazide crosslinker (ADH) and extracellular matrix (ECM) proteins (collagen type I).



BIOMIMESYS® *Oncology* section (SEM)

## ➤ Characteristics

BIOMIMESYS® *Oncology* becomes transparent approximately 24 hours after rehydration.

BIOMIMESYS® *Oncology* has the following characteristics:

- Rheology, Young's modulus:  
 $E = 0.55 \pm 0.15$  kPa
- Porosity:  $155 \pm 35$   $\mu\text{m}$

## ➤ Storage

BIOMIMESYS® *Oncology* should be stored at 2 – 8°C and kept away from air, light and humidity. The expiration date BIOMIMESYS® *Oncology* 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, hydrosc scaffold 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)