

BioMIMESYS®

Brain

96 well-plate format

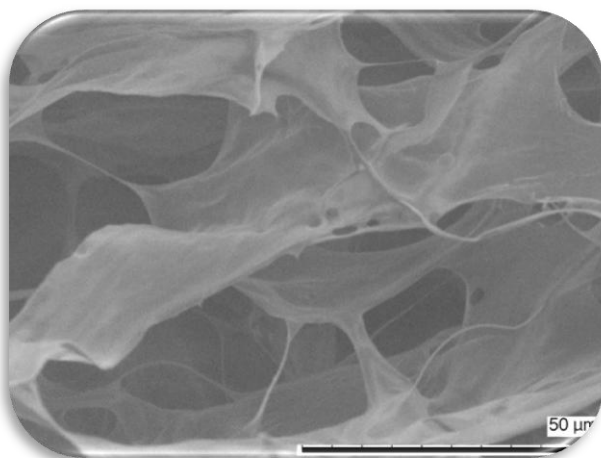
➤ Product

BIOMIMESYS®*Brain* 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 hydro scaffold. 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®*Brain* is made of Hyaluronic acid (HA) (1.6 MDa) modified fibronectin (RGDS), cationic biopolymer, Adipic acid dihydrazide crosslinker (ADH) and extracellular matrix (ECM) proteins (collagen type IV).



BIOMIMESYS® *Brain* section (SEM)

➤ Characteristics

BIOMIMESYS®*Brain* becomes translucent approximately 24 hours after rehydration.

BIOMIMESYS®*Brain* has the following characteristics:

- Rheology, Young's modulus:
 $E = 0.1 \pm 0.02$ kPa
- Porosity: 150 ± 30 μm

➤ Storage

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