Cell Culture Module Brochure

**CAR1010 multi-fiber module:**
- 1.7 in. (4.3 cm.) x 19 fibers
- Compatible: DIV-BBB 1.0 & 2.0
- Applications: growth of endothelial, epithelial, glial and pericyte cells; drug permeability and absorption through blood-brain barrier; passage of nanocarriers, viral vectors, DNA, RNA, mRNA, *etc.*; vascular dynamics / physiology of arterial & venous vessels; effect of mechanical trauma on biological compartments.

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**CAR1020 multi-fiber module:**
- 4.5 in. (11.5 cm.) x 20 fibers
- Compatible: DIV-BBB 2.0
- Applications: growth of endothelial, epithelial, glial and pericyte cells; drug permeability and absorption through blood-brain barrier; passage of nanocarriers, viral vectors, DNA, RNA, mRNA, *etc.*; vascular dynamics/physiology of arterial & venous vessels; effect of mechanical trauma on biological compartments.
**CAR1030 multi-fiber module,**
with >10µm transmural openings:
- 1.7 in. (4.3 cm.) x 19 fibers
- Compatible: **DIV-BBB 1.0 & 2.0**
- Applications:

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**DIV-BBB 1.0 multi-fiber module**
with confocal microscopy window:
- 1.7 in. (4.3 cm.) x 19 fibers
- 5 mm or 8 mm viewing window
- Compatible: **DIV-BBB 1.0 & 2.0**
- Applications:

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**DIV-BBB 1.0 multi-fiber module**
with transmural openings and confocal microscopy window:
- 1.7 in. (4.3 cm.) x 19 fibers
- 5 mm or 8 mm viewing window
- Compatible: **DIV-BBB 1.0 & 2.0**
- Applications:
**DIV-BBB 2.0** single-fiber module...

- 1.7 in. (4.3 cm.) x 1 fiber
- 3D printed fiber enclosure
- Compatible: **DIV-BBB 2.0**
- Used with piezo micro-pump only
- Applications: