

What is the Corning cellcube system?

The Corning CellCube system provides a compact, perfusion-based method for the mass culture of attachment-dependent cells. CellCube modules consist of a series of 10, 25, or 100 parallel, polystyrene plates joined to create thin, sealed laminar flow spaces between adjacent plates.

What is a cellcube module?

CellCube modules are made of polystyrene plates joined together to create thin, sealed laminar flow spaces between adjacent plates and are coated with either a Tissue Culture-treated growth surface or Corning CellBIND<sup>®</sup> surface to enhance attachment.

What surface treatments are available for cellcube modules?

CellCube modules are available with either a Tissue Culture (TC)-treated growth surface or Corning CellBIND<sup>®</sup> surface for cell attachment. The surface treatment is applied to both sides of each layer to achieve available surface area ranging from 8,500 cm<sup>2</sup> to 85,000 cm<sup>2</sup> in a compact footprint.

How does the cellcube system work?

Utilizing a perfusion-based design, the CellCube system is able to mimic the constant fluid flow of in vivo conditions and reliably distribute nutrients and oxygen with low differential gradients across all attached cells throughout the modules.

What does Corning do?

Corning offers a line of products designed for large-scale of stem cell-derived extracellular vesicles (EVs) to impact regenerative medicine and the treatment of inflammatory conditions. Corning offers a portfolio of innovative gene therapy solutions in order to support adeno-associated viruses (AAV) adherent scale-up.

These CellCube Modules provide: a series of parallel, polystyrene plates joined to create thin, sealed, laminar flow spaces between adjacent plates; 21,250 cm<sup>2</sup>; polystyrene growth surface ...

Introducing Corning's Closed System Cell Cube - a new closed system offering designed to help reduce the risk of adventitious contamination. Our new offering of CellCube 10, 25, 100 ...

Corning's Closed System CellCube<sup>®</sup> Modules are now available with CellBIND<sup>®</sup> surface treatment. A complete range of standard closed system accessories integrate seamlessly with ...

The CellCube Module is an integral, encapsulated, sterile, single-use device that is 100% pressure-hold tested before shipment. It is comprised of a series of parallel, styrene plates ...

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## Sierra Leone cellcube corning

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The E-Cube(TM) System is a simple bioreactor with 8,500 cm<sup>2</sup>; cell growth area for growing anchorage dependent cells in only a 25.4 cm x 35.6 cm footprint. Cells grow in Corning's ...

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CellCube, 100% polystyrene growth surface, ...

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