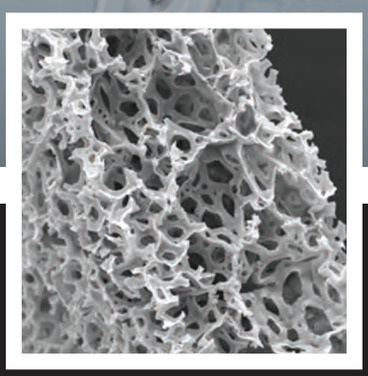
Fisher Scientific

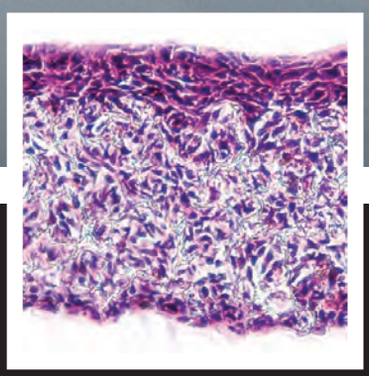
alvetex® scaffold

Alvetex® Scaffold

ADD A NEW DIMENSION TO YOUR CELL CULTURE RESEARCH



Alvetex®Scaffold viewed by scanning electron microscope; a 200um thick polystyrene membrane (>90% porosity) polystyrene membrane



Tissue processing and staining highlighting the manner in which cells freely penetrate the scaffold and form complex organizations throughout the Alvetex®Scaffold matrix.

Take your cell culture beyond the limitations of the mono-layer!

Culturing cells in 3-dimensions using Alvetex®Scaffold technology delivers powerful improvements over traditional 2-dimensional mono-layer cultures. Cells biologists can maintain the integrity of cell structure and organisation found within the native tissue environments to accelerate understanding of real cell function and behaviour.

Alvetex® voted TOP 100 LIFE SCIENCE INNOVATIONS OF 2010 by the Scientist Magazine

Alvetex® voted TOP 100 INNOVITIVE PRODUCTS 2011 by R&D 100 Awards

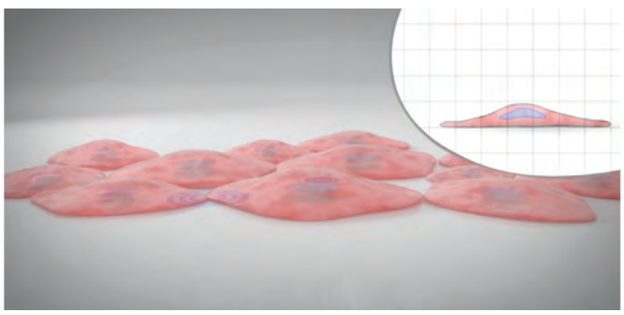
REAL 3D cell culture delivers real benefits to your research:

- Enrich the biological relevance of your cell culture based research
- Deepen your understanding of in-vivo cell function and behaviour
- Understand how cells interact within complex systems
- Enhance primary cell viability and responsiveness to growth factors
- Build in-vitro assays which much more accurately represent the natural cell (*in-vivo*) environment

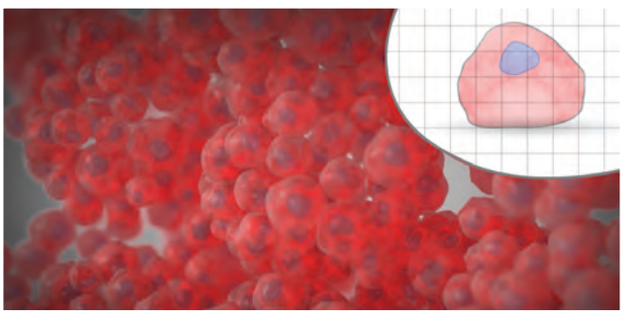
REAL 3D cell culture, simply and routinely

Accelerate your research and discovery.

Alvetex®Scaffold delivers real benefits to your research.



In 2D culture, cells are forced to adapt; structural changes to the cytoskeleton result in a flattened morphology. These changes impair cellular functions and drastically reduce the opportunity for cell - cell interactions.



Cells maintain their natural 3D shape and structure within Alvetex®Scaffold, freely interacting with adjacent cells and accurately mimicking the natural tissue organisation and environment.

A Hassle Free introduction to 3D Cell Culture

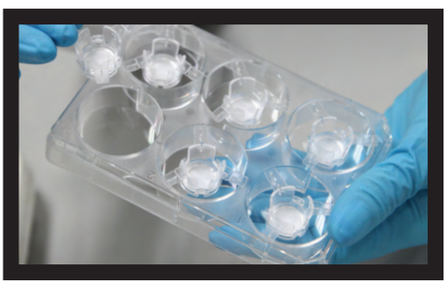
Available in a range of Plate and Well Insert formats Alvetex®Scaffold provides the ideal environment for cells to penetrate, grow and proliferate in 3 dimensions (3D). All products are made from the same inert polystyrene material as standard 2D cell culture plasticware. Cell Biologists can quickly experience the many benefits of 3-dimensional cell culture and at the same time easily switch between 2D and 3D experiments.

Additional Features and Benefits of Alvetex®Scaffold include:

- Compatible with the majority of coating reagents
- Inert & Stable – no new experimental variables, ideal for long term cell culture
- 90% Scaffold Porosity – cells can easily penetrate scaffold and cell retrieval possible
- No changes required to already established sera, media and growth reagents
- No additional equipment required for routine use

Alvetex®Scaffold - available in a range of formats to meet the needs of your assay

Alvetex®Scaffold
12 well plate format



Alvetex®Scaffold 6 and
12 Well Insert format

Deep Petri dish and
Well Insert Holder

Product	Description
AVP002-2	Alvetex®Scaffold 12-well plate, 2 plates
AVP002-10	Alvetex®Scaffold 12-well plate, 10 plates
AVP004-12	Alvetex®Scaffold 6-well inserts, 12 inserts
AVP004-96	Alvetex®Scaffold 6-well inserts, 96 inserts
AVP005-12	Alvetex®Scaffold 12-well inserts, 12 inserts
AVP005-96	Alvetex®Scaffold 12-well inserts, 96 inserts
AVP015-2	2 X Alvetex®Scaffold well insert holder with deep Petri dish
AVP015-10	10 X Alvetex®Scaffold well insert holder with deep Petri dish

Free evaluation packs now available!

For further information please contact your local Fisher Scientific sales representative.

reinnervate
The REAL 3D Cell Culture Company

BN0224123

Fisher Scientific

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