

Corning® Synthemax™-R Surface for Research

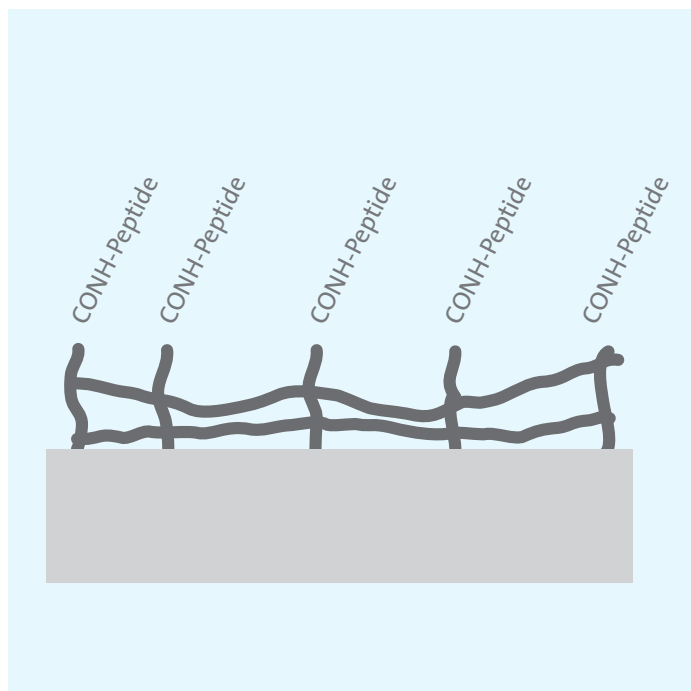
Synthetic Surface for Stem Cells

The Corning Synthemax-R Surface is a unique synthetic surface coated onto tissue culture treated cell cultureware. The surface chemistry is designed to mimic a cells' natural environment with an extracellular matrix derived cell adhesion promoting peptide. The peptide acrylate coating creates a uniform active surface for stem cell attachment, growth and differentiation, especially in chemically defined media.

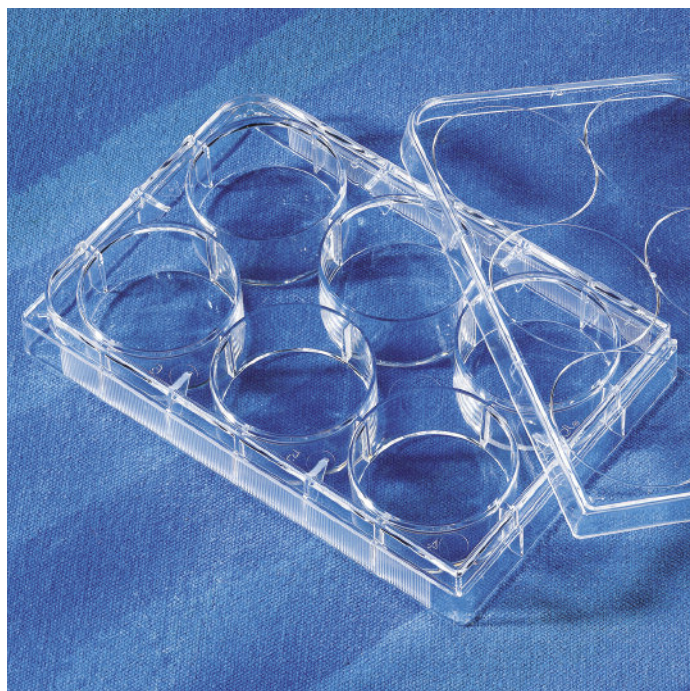
Synthemax-R Surface on multiple well plates and flasks offers a synthetic alternative to biological coatings and/or feeder cell layers used in traditional stem cell culture. The proprietary surface coating technology ensures lot-to-lot consistency, facilitating reproducible results in laboratories.

Developed by Corning scientists, this new biomimetic surface benefits are:

- ▶ Gamma sterilized (SAL 10^{-3})
- ▶ Stored at room temperature
- ▶ Ready-to-use surface with no preparation required
- ▶ 2 year shelf life
- ▶ Eliminates the need and time for expensive coatings
- ▶ Amenable to automation



Peptide-acrylate chemistry coated on a 6 well plate



Synthemax-R Surface coated 6 well plate

Corning® Synthemax™ -R Surface Ordering Information

Sigma Aldrich Cat. No.	Corning Cat. No.	Description	Qty/Pk	Qty/Case
CLS3978XX1	3978XX1	6 well plate, Corning Synthemax-R Surface, polystyrene, sterile	1	2
CLS3979XX1	3979XX1	6 well plate, Corning Synthemax-R Surface, polystyrene, sterile	1	12
CLS3983XX1	3983XX1	T-75 flask, Corning Synthemax-R Surface, polystyrene, sterile	1	2
CLS3984XX1	3984XX1	T-75 flask, Corning Synthemax-R Surface, polystyrene, sterile	1	12

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