





Pre-coat vs. Self-coat

The Right Surface for Every Cell

Using the best surface for your cultureware is essential for cell adhesion, cell health, and optimal cell growth. Different factors need to be taken into consideration to find an optimal surface for your cells. Do your cells thrive in traditional serum, reduced serum, or serum-free media? Do your cells need a biological, synthetic and animal-free culture surface? When choosing the appropriate cell culture vessel, an important consideration is whether to purchase pre-coated cultureware or to self-coat.

Advantages and Disadvantages

Pre-coat vs. Self-coat

	Up-front costs	↑	↓
	Set up time and labor	↓	↑
	Consistency	↑	↓
	Flexibility	↑	↑



Available Options

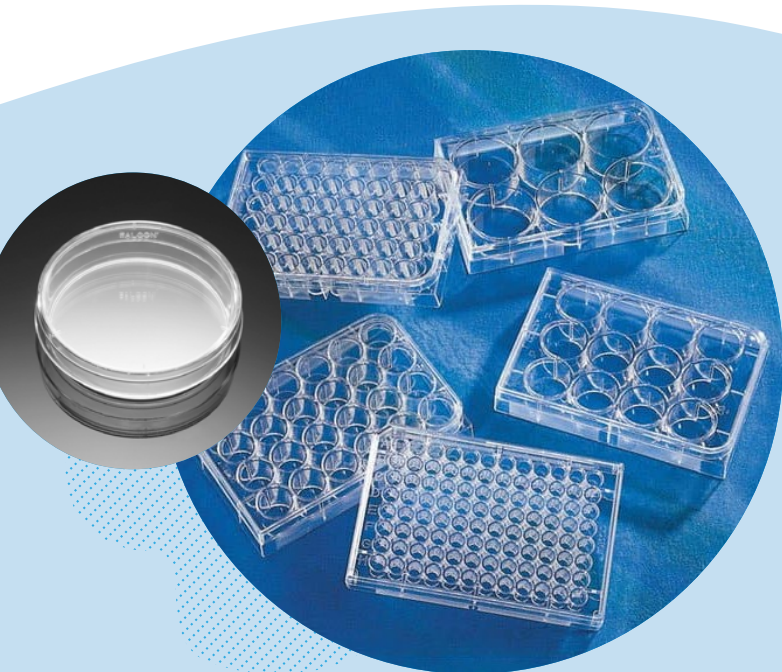


Extracellular Matrices (ECMs) and Biologically Coated Surfaces

A wide range of animal- and human-derived matrices are available to support cell attachment, propagation, differentiation, and migration. Corning products are available in traditional vials for self-coating, as pre-coated Corning® BioCoat® cultureware, and as custom-coated options.

Corning PureCoat™ ECM Mimetic and Synthetic Advanced Surfaces

Corning ECM mimetic and advanced surfaces provide unique, functional surface activity for a range of specialized cell expansion and assay applications. The biologically active synthetic peptides offer optimal cell binding and signaling in a broad range of serum, serum-free, xeno-free, and animal-free media formulations.



Enhanced Tissue Culture-treated Surfaces

Corning Enhanced Tissue Culture (TC)-treated surfaces have an altered surface charge to improve the attachment and growth of fastidious cell types. They are available in a wide variety of treatments and formats for research, drug discovery, and high throughput screening applications.

Learn more about choosing the right surface for your cultureware at

www.corning.com/surfaces

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