

## Cell therapy

Nunclon Supra surfaces for  
xeno-free hMSC culture

Breakthrough technology to help you  
culture with confidence

## Supra-charge your culture

Primarily developed to enable better cell culture with difficult-to-culture cells, the Thermo Scientific™ Nunclon™ Supra™ surface has demonstrated compatibility with >40 cell lines and cell types, including those used in cell therapy research applications. The proprietary Nunclon Supra surface increases ease of use for many types of finicky cell lines and primary cells by enhancing cell yield, confluency, or morphology as compared to traditional cell culture surfaces.

Human mesenchymal stromal cells (hMSCs) benefit from serum-free, coating-free culture on the Nunclon Supra surface:

- **Allows xeno-free cell culture**, excellent for cell therapy applications with hMSCs
- **Easier and faster workflows**, with no substrate coating needed prior to seeding

- **Improved reproducibility**, by reducing the need for animal-derived sera or substrates

Other types of primary cells and cell lines cultured on the Nunclon Supra surface have demonstrated benefits when compared to traditional cell culture surfaces, such as:

- **Reduced time for adherence**, allowing for cells to start proliferating sooner
- **Improved morphology**, indicating healthier growing cells
- **Improved cell yield and confluency**, providing more cells in the same amount of culture time

\* For a full list of cell lines and cell types tested on Nunclon Supra surfaces, navigate to [thermofisher.com/supradata](https://thermofisher.com/supradata).

## Ordering information

Description		Cat. No.
Plates	6-well Nunc plate with Nunclon Supra surface	<a href="#">140680</a>
	12-well Nunc plate with Nunclon Supra surface	<a href="#">140681</a>
	24-well Nunc plate with Nunclon Supra surface	<a href="#">140682</a>
	48-well Nunc plate with Nunclon Supra surface	<a href="#">140683</a>
Dishes	35 mm Nunc EasYDish dish with Nunclon Supra surface	<a href="#">150470</a>
	60 mm Nunc EasYDish dish with Nunclon Supra surface	<a href="#">150472</a>
	100 x 15 mm Nunc EasYDish dish with Nunclon Supra surface	<a href="#">150474</a>
	100 x 20 mm Nunc EasYDish dish with Nunclon Supra surface	<a href="#">150476</a>
	150 mm Nunc EasYDish dish with Nunclon Supra surface	<a href="#">150478</a>
Flasks	T25 Nunc EasYFlask flask with Nunclon Supra surface, filter cap	<a href="#">156372</a>
	T25 Nunc EasYFlask flask with Nunclon Supra surface, solid cap	<a href="#">156374</a>
	T75 Nunc EasYFlask flask with Nunclon Supra surface, filter cap	<a href="#">156376</a>
	T75 Nunc EasYFlask flask with Nunclon Supra surface, solid cap	<a href="#">156378</a>
	T175 Nunc EasYFlask flask with Nunclon Supra surface, filter cap	<a href="#">156380</a>
	T175 Nunc EasYFlask flask with Nunclon Supra surface, solid cap	<a href="#">156382</a>
96-well plates	Nunc 96-well Plate and Lid, with Nunclon Supra surface	<a href="#">167013</a>



## Cell therapy research application products

Find out more about our commonly purchased products for cell therapy research applications and how we have used them to enable serum-free and coating-free hMSC culture.

Read more about how to improve your hMSC culturing by scanning the QR code:



Plate

Culture

Analyze

### Ordering information

Type	Product	Cat. No.
Cells, media, and supplements	StemPro BM Mesenchymal Stem Cells	<a href="#">A15652</a>
	StemPro Human Adipose-Derived Stem Cells	<a href="#">R7788115</a>
	CTS DPBS (1X), without calcium chloride, without magnesium chloride	<a href="#">A1285601</a>
	CTS DPBS, calcium, magnesium	<a href="#">A1285801</a>
	StemPro MSC SFM XenoFree	<a href="#">A1067501</a>
	Trypan Blue Solution, 0.4%	<a href="#">15250061</a>
	Alcian Blue 8GX	<a href="#">J60122-22</a>
	Oil Red O	<a href="#">A12989.14</a>
	StemPro Adipogenesis Differentiation Kit	<a href="#">A1007001</a>
	StemPro Chondrogenesis Differentiation Kit	<a href="#">A1007101</a>
Instruments	StemPro Osteogenesis Differentiation Kit	<a href="#">A1007201</a>
	Countess 3 Automated Cell Counter	<a href="#">AMQAX2000</a>
	EVOS XL Core Imaging System	<a href="#">AMEX1000</a>
	EVOS M7000 Imaging System	<a href="#">AMF7000</a>
	Attune NxT Flow Cytometer, blue/red/violet/yellow	<a href="#">A29004</a>

For a selection of antibodies and dyes, please visit [thermofisher.com/cellimaging](https://thermofisher.com/cellimaging)

 Learn more at [thermofisher.com/cultureware](https://thermofisher.com/cultureware)