

Jellagen[®] Coated Plates

Next Generation Jellyfish Collagen Coated Tissue Culture Plates for Improved Results in Promotion of Cell Adhesion, Growth & Differentiation.

PRODUCT DESCRIPTION

Cultureware plates coated with jellyfish collagen, suitable for cell culture research purposes.

Product Numbers

- JCP24W
- JCP96W

*bespoke formats available on request and subject to volume

FEATURES AND BENEFITS

FEATURES	BENEFITS
Innovative	Offers a viable alternative to mammalian and synthetic reagents with the below features and benefits.
Non-mammalian	Highly purified jellyfish collagen alternative providing consistent, repeatable results.
Compatible with all existing cell culture protocols	Like-for-like substitute for existing collagens in cell culture offering a matrix that promotes cell adhesion, proliferation and cell functionality.
Batch to batch consistency	Offers improved research productivity allowing security of product consistency and reproducible results.
Sequence homology to collagen type I	Universal applications for multiple cell types e.g. human primary and stem cell-derived.
Manufactured according to ISO13485	Follows a quality controlled manufacturing process producing a consistent coating on the surface of tissue culture treated plates.
Individually packed	Easy to use and store with a shelf life of 1 year, with unique individually packed plates that help reduce waste.

The grade of Jellagen® jellyfish collagen used to coat this cultureware has been tested to verify its applicability for routine cell culture research using human primary and iPSC-derived cell lines. Jellagen® Jellyfish collagen has been shown to promote cellular attachment and proliferation.

Cell lines that have been cultured successfully on Jellagen® jellyfish collagen include, but are not limited to: Mesenchymal Stem Cells (MSC's), fibroblasts, hepatocytes, endothelial cells, keratinocytes, chondrogenic progenitor cells, Urine Derived Stem Cells (UDC's), cardiomyocytes, ovarian cancer cells, iPSC-derived microglia and HEK293T.

PRODUCT INFORMATION	JELLAGEN® COATED PLATES
Format	24 & 96 well plate – flat bottom*
Coating concentration	10µg/cm ² (+/- 1µg)
Quantity per pack	5
Collagen used	Jellyfish collagen
Storage	Store at room temperature
Serum level	Serum free
Shelf life	12 months from date of manufacture
Plate polymer	Tissue culture treated, polystyrene and non-pyrogenic
Colour	Clear*
Bioburden	Negative
Shipping conditions	Room temperature

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Useful References

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DISCLAIMER

This product is for R&D use only and is not intended for human or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

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