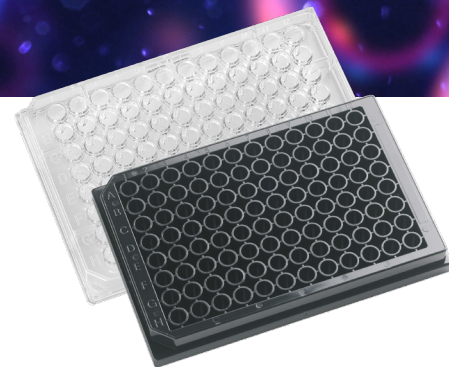


## Sero Krystal™ PDL Coated Microplates

High performance microplates for enhanced cell growth and survival

Keywords: cell culture, Krystal Sero, microplates, PDL, protein-coated, Grab and Grow



### At A Glance

- Enhances cell adhesion for challenging cell types or growth conditions
- Uniform surface coating for reproducible cell culture
- Ideal for serum-free or low serum growth conditions
- Krystal™ clear wells for superior optical clarity for high resolution imaging
- Grab and Grow™. Sterile and ready-to-use

Poly-D-Lysine (PDL) is a synthetic, extracellular matrix used in cell culture applications to promote cell adhesion. PDL coating on the surface of polystyrene (PS) microplates enhances cell attachment and growth by increasing the number of positively charged sites for cell binding. The synthetic PDL coating is free from biological impurities and ensures no stimulation of biological activity or signalling pathways in cultured cell systems. PDL coated plates are popularly used for neuronal applications due to enhanced growth and survival of neuronal cells such as primary neurons and neuroblastomas as well as transfected cell lines, glial cells and adherent fibroblasts. PDL coated plates are also ideal for culture of cell lines such as HEK-293, L929, BHK-21, PC12 and, NSC-34.

### Product Features

- 96 or 384 well, polystyrene microplate
- Synthetic, animal-free PDL coating
- Flat, optically Krystal™ clear wells
- Available in clear and black frames
- Uniform surface coating for reproducible cell culture

### Ideal For

- Cell proliferation
- Calcium flux assays
- Gene reporter
- Apoptosis assays
- Cell adhesion kinetic studies

Product Specifications			
Format	96-well plate, 384-well plate	Shipping	Ambient
Coating Volume	200 µl	Shelf Life	1 Year
Colours	Clear, Black	Storage	4°C
Material	Polystyrene	Quantity	Pack of 10 (2 x 5)
Treatment/Coating	Poly-D-Lysine	Automation Compatibility	Yes (ANSI/SLS standard)
Sterile	Yes	Sealing Compatibility	Heat and adhesive seals

## What is Krystal™?

Microplates made with Krystal™ clear wells are designed to ensure maximum optical performance during cell culture and assay measurements. Observe cells with exceptional sharpness rich in contrast and capture true fluorescent and luminescent signals with high resolution microscopy. Krystal™ microplates are constructed with superior flatness for precise measurements and are made from pure polystyrene for low background to enhance the accuracy and sensitivity of results. Combined with clear, white and black framed microplates Krystal™ clear wells enhance results with optical clarity and culture reproducibility. Krystal™ is for clarity.

## Ordering Information

Product #	Description	Quantity
500269-PDL	Sero Krystal™ PDL, 96 well, 350 µl, round, clear F-bottom, clear frame, PS, sterile, with lid	2 x 5 Plates
215003-PDL	Sero Krystal™ PDL, 96 well, 350 µl, round, clear F-bottom, black frame, PS, sterile, with lid	2 x 5 Plates
221003-PDL	Sero Krystal™ PDL, 384 well, 120 µl, square, clear F-bottom, clear frame, PS, sterile, with lid	2 x 5 Plates
312001-PDL	Sero Krystal™ PDL, 384 well, 120 µl, square, clear F-bottom, black frame, PS, sterile, with lid	2 x 5 Plates

## Sales and Enquiry Information

### EU/RoW

int.sales@porvairsciences.com

### USA

info@jgfinneran.com

### Website

www.microplates.com

For Distributor Use Only



## About Us

Porvair Sciences, together with JG Finneran and Porvair Kbiosystems are global manufacturers of consumables and instruments for life science and analytical workflows. From microplate technologies, glass vials, assay kits to automated laboratory equipment, the group is committed to equipping customers with high quality products for improved analysis and increased productivity to accelerate scientific discovery with integrity.

www.porvairsciences.com