

# Microlute™ PLR

## Next Generation Phospholipid Removal

With great flow comes greater performance. The Microlute™ PLR technology for phospholipid removal is specifically design to enhance the flow of samples through the filter to maximise the recovery of analytes with unrivalled reproducibility. Efficiently remove a wide range of phospholipids from plasma and serum with Microlute™ PLR and increase the sensitivity and integrity of your UHPLC/HPLC methods.



### > 99% Effective Removal

Precisely removes all classes of phospholipids from plasma and serum samples.



### < 5% RSD for Greater Reproducibility

Reliable phospholipid removal and analyte recovery first time and every time.



### > 90% Analyte Recovery

Consistent recover for a wide range of acidic, basic or neutral analytes.



### Higher Sensitivity

Uncover true analyte responses by minimising suppression of analytes.



Available in plate and cartridge formats (25mg)

Increase system uptime and productivity

Elute high quality extracts for analysis

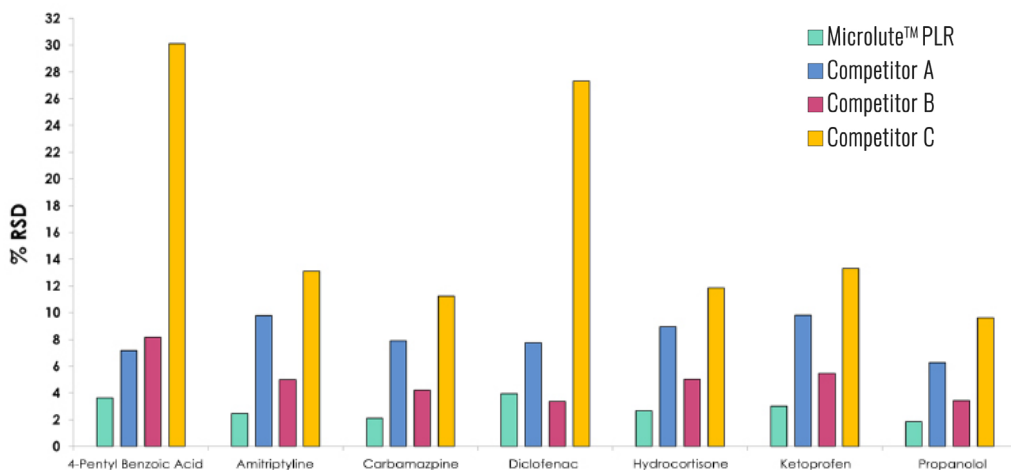
Fast and easy-to-use protocol

Unlike traditional loose-filled products, the Microlute™ PLR hybrid technology is composed of a solid interconnected network of evenly distributed pores that allow biological fluids to flow smoothly and consistently through the filter. This feature enhances product performance and the efficiency of your sample preparation workflow by reducing the need for duplicates and failed tests.

- Increased system uptime and productivity
- Obtain high quality extracts for analysis
- Easy-to-use

## Market Leading Reproducibility

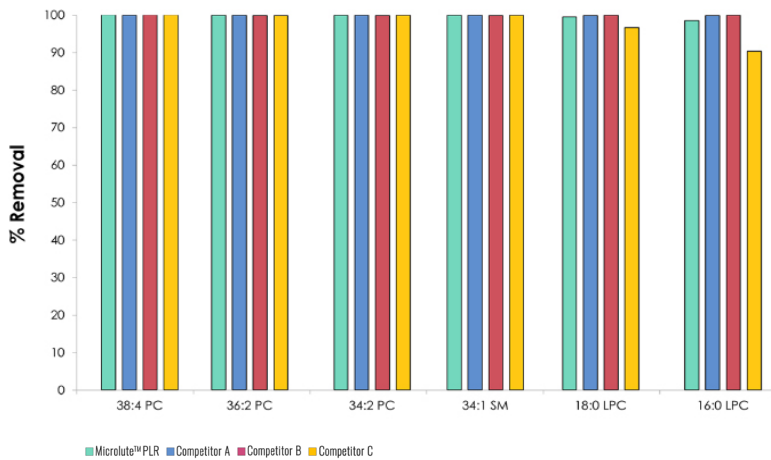
< 5 % RSD for Higher Confidence in Results



Consistent phospholipid analyte recovery from samples, from well-to-well and batch-to-batch first time and every time. High-throughput studies will benefit from a reproducible, high performing sample preparation workflow.

## Effective Phospholipid Removal

> 99% Removal of all classes of phospholipids



Consistent flow rates of biological fluids through the filter results in greater interactions with the active media throughout the 96-well plate, allowing precise and specific removal of all classes of phospholipids

## Ordering Information

Product Number	Description	Qty
PPLR0251-100	Microlute™ PLR 25mg/1ml Cartridge	1 x 100 Cartridges
PPLR025P-001	Microlute™ PLR 25mg/96 Well Microplate	1 x 96 Well Plate

For more information go to [www.microplates.com/microlute](http://www.microplates.com/microlute)

## Contact Information

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### About Us

Porvair Sciences, and sister company, JG Finneran, design, develop and manufacture high-quality microplates and glass vials for analytical and life science laboratory applications.

The combined portfolio includes unique products to support the sample prep workflow, from cartridges and plates using our composite technology, manifolds and evaporators for sample concentration, through to sample handling & storage with our extensive range of deep well plates, vials and closures.



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