

Microlute™ SLE

The Quick and Easy LLE

Easily extract a wide range of acidic, basic and neutral analytes from a range of biological or aqueous samples with a superior method of liquid extraction, supported liquid extraction (SLE). Microlute™ SLE 96 well plates and cartridges use selectively sourced diatomaceous earth (DE) as the solid support to maximise absorption of the aqueous solutions to allow simpler recovery of analytes from samples with greater reproducibility.

Features

Effortless Recovery

Less manual handling steps for cleaner, easier and quicker sample clean-up. Obtain > 99% recovery of contaminant-free analytes without the risk of repetitive strain injuries.

Higher Throughput

Simultaneously and reproducibly process up to 96 samples. Perfect for laboratory automated workflows.

Cleaner Samples

Effective and efficient removal of proteins and impurities. Less risk of contamination.

Lab Friendly

Significantly less solvent and glassware use and reduced clean-up time.



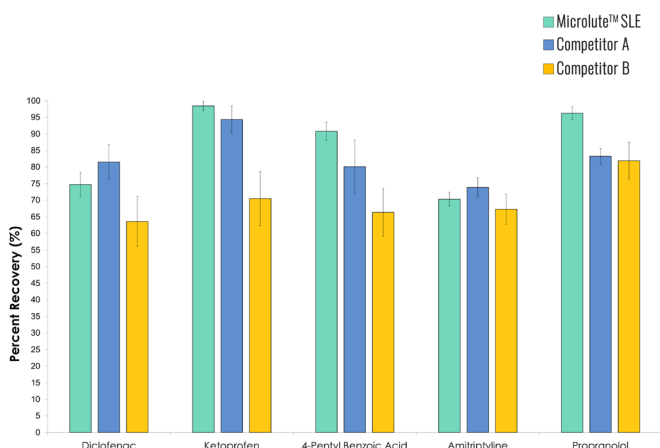
Better than LLE with Microlute™ SLE

With no inversions, shaking or tedious pipetting required, Microlute™ SLE overcomes sample handling issues commonly associated with traditional liquid-liquid extraction (LLE). This method of sample preparation gives you a workflow that is reliable, precise and optimised for efficient clean-up of samples for chromatography analysis (eg. GC, UHPLC/HPLC).

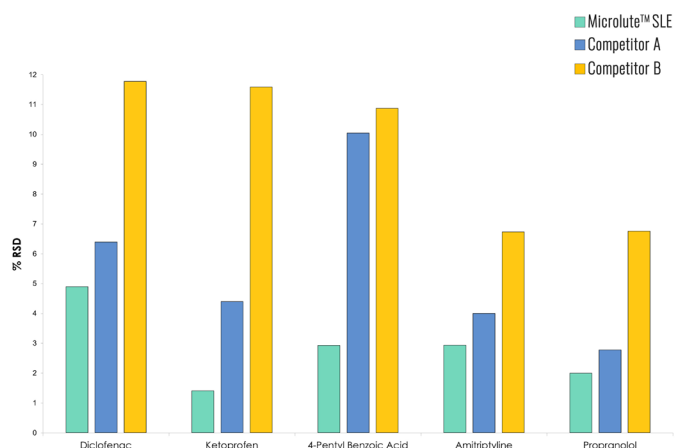
Simply add your sample on to the plate or cartridge, wait 5 minutes for complete absorption of the aqueous solution and elute analytes in your preferred solvent.

- Available in 96 well plate and cartridge formats
- 200µl (and 400µl) maximum load volume(s)
- Perfect for plasma, serum, oral fluids, urine or other aqueous based solutions.
- Compatible with vacuum and positive pressure systems
- Applications: forensics, pharmaceutical, drug discovery and clinical

High Recovery



High Reproducibility



Ordering Information

Product Number	Description	Qty
P-SLE2003-050	Microlute™ SLE 200 mg / 3 ml cartridge	Pack of 50
P-SLE200P-001	Microlute™ SLE 200 mg / 96 well plate	Pack of 1
P-SLE4003-050	Microlute™ SLE 400 mg / 3 ml cartridge	Pack of 50
P-SLE400P-001	Microlute™ SLE 400 mg / 96 well plate	Pack of 1

Contact Information

Microlute™ is available worldwide through our global distribution network.
Get in touch to place your order, find out more or if you have a technical question about our products.

EU/Row Enquiries
int.sales@porvairsciences.com

Technical Support
technical@porvairsciences.com

Phone
+441978 66 11 44

USA Enquiries
info@jgfinneran.com

Technical Support
technical@porvairsciences.com

Phone
+1856 696 3605



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.

