For Research Use Only. NOT for Use in Diagnostic Procedures.

Biotage® Mikro

Solid Phase Extraction Microelution Plates

Biotage® Mikro SPE plates provide excellent sample clean up while enhancing manual or automated sample preparation workflow and delivering reproducible, high sensitivity analytical results.

Immediate Gains in Analyte Sensitivity

Biotage® Mikro products are designed with very low dead volumes in the extraction tips, meaning less elution solvent is needed to recover the analytes. Elution in much smaller volumes (as low as 20 µL for an optimized method) means that you have a much higher analyte concentration in the eluent compared to standard format SPE, giving you immediate sensitivity improvements.

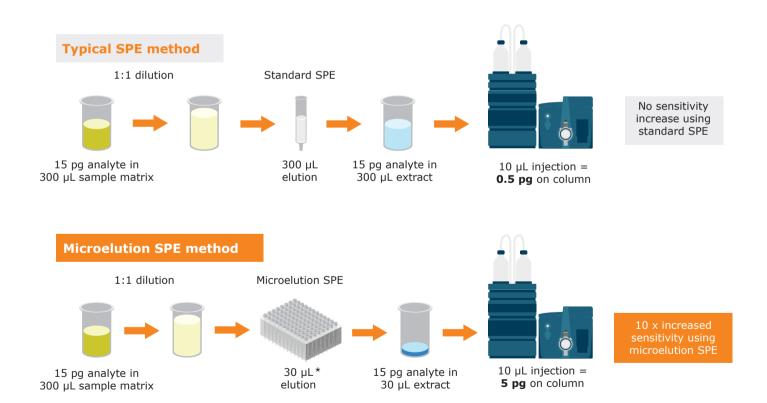
Enhanced Workflow

Combining reliable EVOLUTE* SPE sorbents with low elution volumes, Biotage* Mikro SPE plates allow you speed up your SPE by eliminating up to 3 of the steps required in traditional SPE workflows, and deliver high analyte recoveries in less time.

- » Load-Wash-Elute SPE procedures eliminate traditional conditioning and equilibration steps
- » Low elution volumes mean troublesome evaporation steps can be avoided

Microelution with the EVOLUTE® Advantage

Available packed with the full range of EVOLUTE® sorbents, Biotage® Mikro plates deliver high analyte recoveries and cleaner extracts whatever your application.



^{*}for an optimized method, elution is possible in volumes as low as 20 μL. This is highly analyte and method dependant.





Note: Eliminating steps is analyte dependant, and may not be possible for all applications.

Biotage [®] Mikro Product	Packed with	Typical Applications
Biotage [®] Mikro ABN Plate	EVOLUTE® ABN: Water wettable sorbent with non-polar interactions	 Neutrals e.g steroid panels in plasma Drug panels (including acidic, basic and neutral drugs) in urine
Biotage [®] Mikro CX Plate	EVOLUTE® CX: Combines non-polar with strong cation exchange interactions	» Urine drug panels» Basic drugs of abuse
Biotage [®] Mikro WCX Plate	EVOLUTE® WCX: Combines non-polar with weak cation exchange interactions	» Strong bases» Analytes unstable under basic elution conditions e.g. catecholamines
Biotage [*] Mikro AX Plate	EVOLUTE® AX: combines non-polar with strong anion exchange interactions	» Acidic compounds e.g. methyl malonic acid
Biotage [®] Mikro WAX Plate	EVOLUTE® WAX: Combines non-polar with weak anion exchange interactions	» Strong acids e.g. PFAS in biofluids

All EVOLUTE® SPE sorbents have additional extract cleanliness built in. They have an optimized pore size, much narrower than other polymeric sorbents, that excludes protein residues from biological fluid extracts. This means extracts are cleaner, and analysis is so much more reliable.

Ordering Information

Part Number	Description	Quantity
600-0002-LVP	Biotage® Mikro ABN Plate, 2 mg	1
601-0002-LVP	Biotage® Mikro CX Plate, 2 mg	1
602-0002-LVP	Biotage® Mikro WCX Plate, 2 mg	1
603-0002-LVP	Biotage® Mikro AX Plate, 2 mg	1
604-0002-LVP	Biotage® Mikro WAX Plate, 2 mg	1

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