Make the Switch to Supported Liquid Extraction (SLE) for Big Productivity Gains

New Agilent Chem Elut S, a synthetic SLE

Achieve consistent results—analyst to analyst and day to day—with synthetic SLE

Did you know that you can simplify labor-intensive liquid-liquid extraction (LLE)? Agilent Chem Elut S synthetic SLE products deliver reliable, reproducible results with minimal method development and a walk-away workflow.
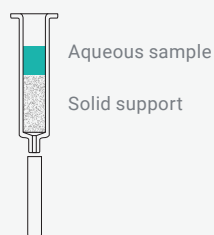
With Chem Elut S, you can:

– Improve reproducibility by minimizing analyst-to-analyst variability.

– Eliminate emulsions because shaking is eliminated.

– Achieve superior removal of unwanted, interfering matrix, such as salts and phospholipids.

– Meet the recoveries you need—thanks to the minimal amount of extraction solvent required, resulting in a higher concentration of analytes collected.

Chem Elut S synthetic SLE products are synthetically optimized to deliver superior reproducibility, sample capacity, and data quality. They have a controlled pore and particle size, creating consistent flow and uniformity in every batch.
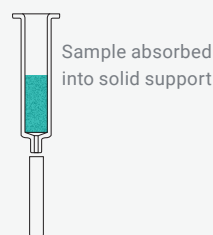
How simple is the Chem Elut S SLE workflow?
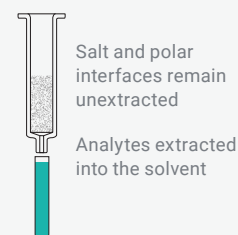See for yourself.

Step 1:

Aqueous sample

Solid support

Load sample onto SLE sorbent.

Step 2:

Sample absorbed into solid support

Wait five minutes.

Step 3:

Salt and polar interfaces remain unextracted

Analytes extracted into the solvent

Extract with water-immiscible organic solvent.

Choose from a wide variety of formats to suit your application

Format	Sample Size	Tube/Well Size	Part No.	Ideal for the sample preparation of
Well plate	200 µL	2 mL	5610−2003	*Biological samples—including urine, serum, plasma, whole blood, and oral fluids
Well plate	400 µL	2 mL	5610−2004	
Tube	200 µL	1 mL	5610−2005	
Tube	400 µL	3 mL	5610−2006	
Tube	1 mL	6 mL	5610−2007	
Tube	3 mL	12 mL	5610−2008	Food samples
Tube	5 mL	20 mL	5610−2009	
Tube	10 mL	60 mL	5610−2010	Food and environmental samples
Tube	20 mL	60 mL	5610−2011	

*For Research Use Only. Not for use in diagnostic procedures.

Enhance your sample preparation workflow with Agilent InfinityLab LC solutions

Maximize efficiency at each step in your workflow and make every day more productive. Talk to us about combining workflow solutions like sample preparation with the power of InfinityLab products, Agilent OpenLab software, and Agilent CrossLab services.

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