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

Agilent Chem Elut S, a synthetic SLE

Achieve consistent results—analyst-to-analyst and batch-to-batch, with synthetic SLE

Agilent CrossLab
From Insight to Outcome

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:

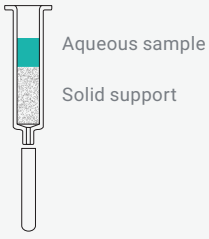
- Improve reproducibility by minimizing analyst-to-analyst batch-to-batch variability.
- Obsolete sample mixing, phase separation steps and eliminate emulsions.
- Achieve efficient removal of matrix interferences, such as salts and polar interferences.
- Meet the recoveries you need.
- Automate your workflow easily.

Chem Elut S synthetic SLE products are synthetically optimized to deliver improved reproducibility, sample capacity, and data quality. With a controlled pore and particle size, Chem Elut S delivers consistent flow and uniformity in every batch.

How simple is the Chem Elut S SLE workflow?

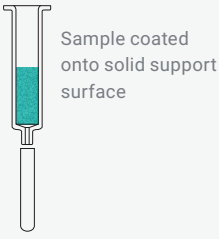
See for yourself.

Step 1:



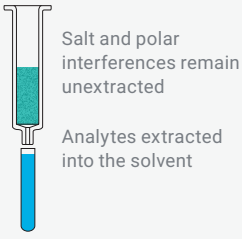
Load sample onto SLE sorbent.

Step 2:



Wait five minutes.

Step 3:



Extract with water-immiscible organic solvent.

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Choose from a wide variety of formats to suit your application

Select the appropriate Chem Elut S cartridge based on the total aqueous sample volume, including buffer and/or standards.

Format	Maximum Loading Volume	Tube/Well Size	Part Number	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†	Aqueous food samples
Tube	5 mL	20 mL	5610–2009	
Tube	10 mL	60 mL	5610–2010	Aqueous food and environmental samples
Tube	20 mL	60 mL	5610–2011	

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

† Positive pressure or vacuum required for aqueous sample loading. It is recommended to perform elution via gravity or with low level of positive pressure or vacuum. Agilent positive pressure manifold processors, such as the PPM-48 (5191-4101) or PPM-96 (5191-4116), are recommended for well-regulated flow.

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.

Learn more at **www.agilent.com/chem/infinitylab**

Improve results, increase reproducibility, and simplify your workflow.
www.agilent.com/chem/chem-elut-s

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