

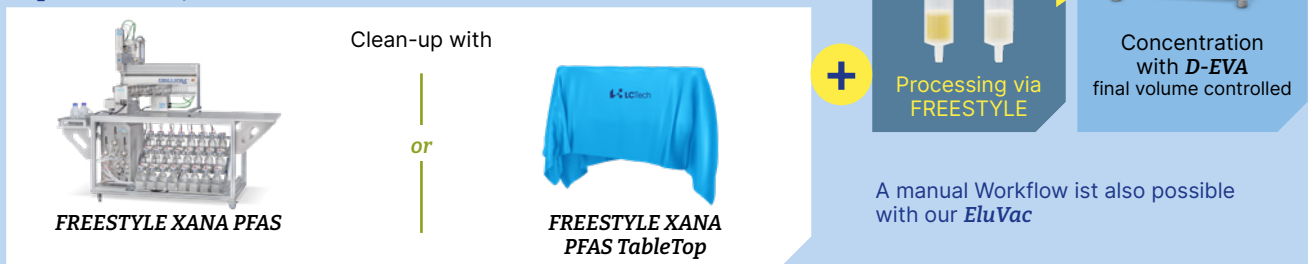


LC Tech Solutions for your *PFAS Sample Preparation*

Solid Samples



Aqueous Samples



A manual Workflow is also possible with our *EluVac*

MIX-TRACTION

- Powerful vertical shaking, replaces shaking by hand
- Time and shaking speed settings
- Space and energy saving
- Touch screen for convenient operation



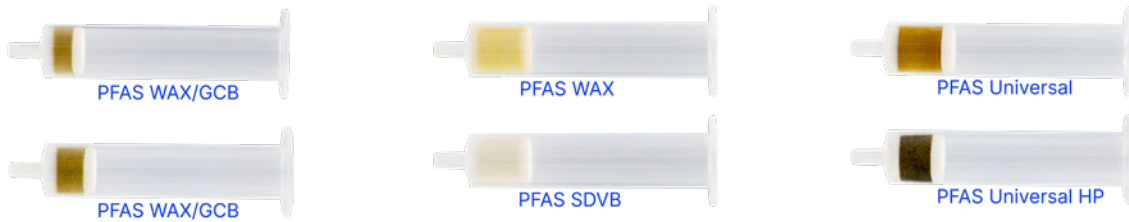
D-EVA

- The brilliant solution for concentrating samples
- Parallel evaporation of **1 to 53 samples** (up to 10 mL) or **1 to 23 samples** (up to 45 mL) to near dryness
- Robust against residual water in the extract
- Use of PP-tubes (Falcon Tube™) possible, thus preventing adhesion of PFAS
- Prevents the formation of aerosols, thereby no cross-contamination or losses of the high volatile analytes
- The volume of the final sample is only 500 µL instead of 1 mL, which leads to a better signal/noise at the HPLC system





EluCLEAN® - SPE Columns Overview



	Column	Sorbent	Suitable for the following standards	P/N	Pcs/Pkg
Enrichment and clean-up of PFAS from <i>various matrices including food, feed, drinking water, aqueous and solid environmental samples</i>	EluCLEAN®	proprietary		20841	30
	PFAS Universal			20842	100
				20843	500
Enrichment and clean-up of PFAS from <i>highly pigmented food and feed and highly coloured environmental samples</i>	EluCLEAN®	proprietary		20851	30
	PFAS Universal			20852	100
	HP			20853	500
Enrichment of PFAS from <i>Drinking Water</i>	EluCLEAN®	Poly(Styrene-Co-Divinylbenzene) Polymer	US EPA 537.1, ISO 25101	20801	30
	PFAS SDVB	(SDVB) 500 mg / 6 mL		20802	100
				20803	500
	EluCLEAN®	Weak Anion Exchanger, Mixed-Mode	US EPA 533, prEN-17892-2022, DIN 38407-42, ISO 21675:2019, ISO 25101	20811	30
	PFAS WAX	Polymeric Sorbent (WAX) 500 mg / 6 mL		20812	100
				20813	500
Enrichment and clean-up of PFAS from <i>aqueous and solid environmental samples</i>	EluCLEAN®	Weak Anion Exchanger, Mixed-Mode	US EPA 533, prEN-17892-2022, DIN 38407-42, ISO 21675:2019, ISO 25101	20871	30
	PFAS WAX	Polymeric Sorbent (WAX) 200 mg / 6 mL		20872	100
				20873	500
	EluCLEAN®	Sorbent 1: Weak Anion Exchanger, Mixed-Mode Polymeric Sorbent (WAX)	US EPA 1633 (2nd Draft), DIN 38414-14, DIN 38407-42, ISO 21675:2019	20821	30
	PFAS WAX/GCB	Sorbent 2: Graphitized Carbon Black (GCB) 150 mg / 10 mg / 6 mL		20822	100
				20823	500
Enrichment and clean-up of PFAS from <i>aqueous and solid environmental samples</i>	EluCLEAN®	Sorbent 1: Weak Anion Exchanger, Mixed-Mode Polymeric Sorbent (WAX)	DoD und DoE, SM 5.1/5.3, US EPA 1633, (2nd Draft), DIN 38414-14, DIN 38407-42, ISO 21675:2019	20831	30
	PFAS WAX/GCB	Sorbent 2: Graphitized Carbon Black (GCB) 200 mg / 50 mg / 6 mL		20832	100
				20833	500

FREESTYLE Automation

SPE PFAS (e.g. Dual SPE)

BASIC system with SPE-PFAS module
For automated clean-up of PFAS samples via solid phase extraction



XANA PFAS

FREESTYLE BASIC system with SPE-PFAS module and XANA-PFAS module
For automated clean-up of PFAS in 0.1 – 10 L water samples



XANA PFAS TableTop

Coming soon →
Be excited about our downscale of the FREESTYLE XANA



Max. volume per sample	100 mL	4 L	250 mL
Samples per sequence	27	24	30
Duration per SPE sequence	r.a. 13 h (Dual-SPE for food matrices)	r.a. 6.5 h (for US EPA 537.1)	r.a. 8 – 9 h (for US EPA 537.1)
Samples at the same time	1	up to 6	up to 6
Location	on lab bench	incl. table	on lab bench
PFAS compatibility	PE-tubings, PTFE-free syringe, PTFE-free valves		
Solvent compatibility	All solvents required acc. regulations are compatible		