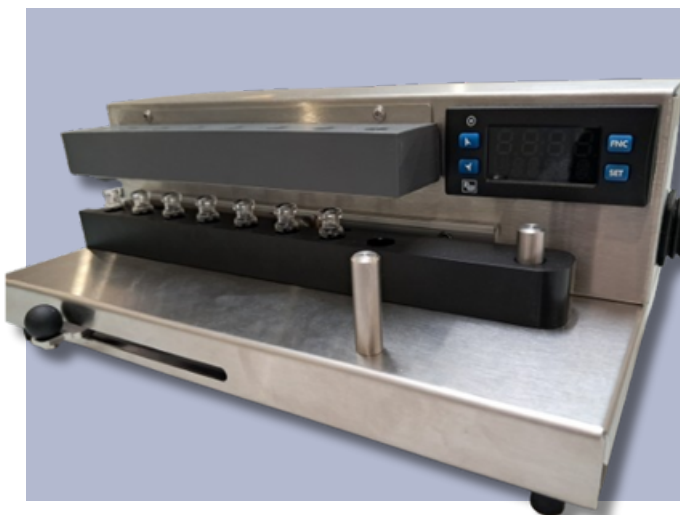




ThermELUTE Light

Smart Mycotoxin Clean-Up: Faster, Easier, More Sensitive



The **ThermELUTE Light** is ideal for mycotoxin analysis in various food and feed samples due to its offline thermal elution process, to achieve high analytical sensitivity, and eco-friendly operation without harmful solvents.

The **ThermELUTE Light** is a manual system for eluting SMART IAC designed for mycotoxin sample cleanup of food and feed samples. It accelerates sample preparation with manual intervention and provides an effective alternative to achieve best analytical sensitivity. Using thermal denaturation and compact **SMART columns**, it ensures highly accurate detection while processing time and solvent could be saved. The system delivers high-sensitivity results, making advanced mycotoxin analysis accessible to all laboratories.



SMART Immuno Affinity Cartridges

1. OtaCLEAN™ SMART for Ochratoxin A
2. AflaCLEAN™ SMART for Aflatoxins B1, B2, G1, G2
3. AflaCLEAN™ M1 SMART for Aflatoxin M1
4. Stack of two SMART columns

FEATURES

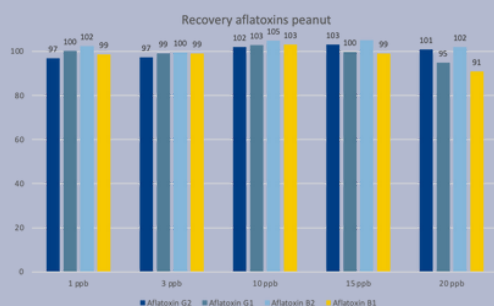
- Low footprint
- Parallel (n=8) elution at once
- Faster sample preparation (< 20 minutes)
- Reduces costs
- Minimizes waste
- Cross-contamination free
- Reproducible results
- Increased sensitivity (suitable for baby food levels)
- Reduced matrix interference
- Offline and automated processing possible by FREESTYLE Quechers
- Ready to inject -No dilution or evaporation required before injection
- Affordable at all labs

APPLICATIONS

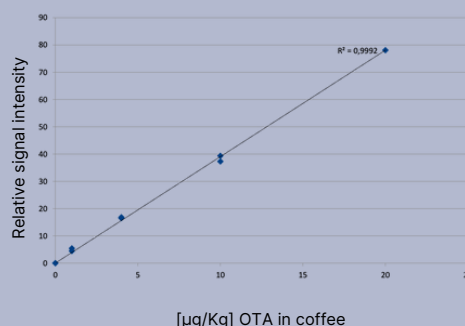
Mycotoxin testing in all food commodities
nuts, cereals, dried fruits, spices, medical herbs, baby food, animal feed

Test Results

Recovery Of Aflatoxins From Peanut



Linearity Of OTA Recovery From Coffee By HPLC-FLD



Clean-up Procedure with ThermELUTE Light

Scan to watch
step-by-step!



Prepare the System

- Turn on **ThermELUTE Light** and set to **98°C**.
- Place an **HPLC vial** in the elution rack.

SMART Cartridges

- Process the **SMART cartridge** as per the manual until the elution step.
- Charge cartridge with elution solvent.

Elution Process

- Perform **thermal elution 5 min at 98°C**.
- Transfer the eluate into the **HPLC vial**.

Transfer & Finalize

- Remove the **HPLC vial** for **HPLC analysis**.



P / N	ITEMS
21396	ThermELUTE Light
12862 / 12863	AflaCLEAN SMART (100/1000 per pck)
14246	AflacLEAN M1 SMART (100/pck)
13346 / 13351	OtaCLEAN SMART (100/1000 per pck)
13893	Afla-Eluator (EU)
21421	Afla-Eluator (US)
14494	Afla-M1 Eluator

Experience efficient, reliable mycotoxin analysis—start using ThermELUTE Light with SMART cartridges today!