

# aokin QuickClean multimycotoxin

## **Analyte:**

Aflatoxin total, Deoxynaivalenol, Ac-DON, Nivalenol, Ochratoxin T-2, HT-2, Zearalenone

## **Background:**

*aokinQuickClean multimycotoxin* columns allow a rapid and easy clean up of raw samples. They are used to minimize matrix effects and are used prior to determining multiple mycotoxin.

They can be utilized in combination with all common analytical methods such as ELISA, DC, HPLC, GCMS, Fluorescence Polarization Immuno Assays (as *aokinmycontrol*) or Lateral Flow.

## **Process:**

- 1) Extraction of samples
- 2) Filtration
- 3) Add 500 µl onto spin column and centrifuge for 3 minutes at 5000 g.  
Optional step: use eluate of first spin column and pipette onto new column, centrifuge again
- 4) Purified extract can be used directly for the analytical step (optional step: dilute prior to analytical step)

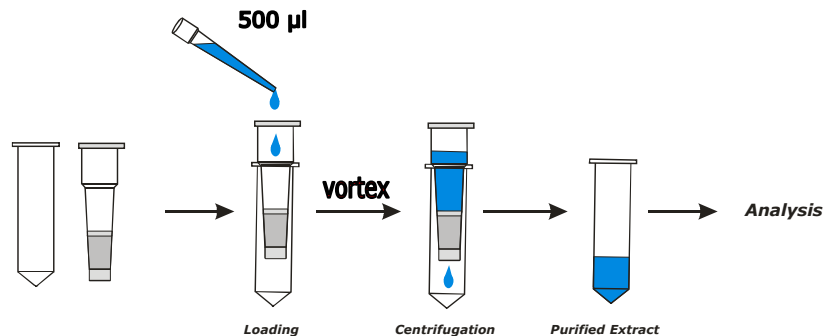


Fig. 1 Purification and concentration of mycotoxin extracts using the aokinQuickClean spin column.

## **Recommended Extraction solvent:**

49.5 % H<sub>2</sub>O) / 50 % Acetonitrile / 0.5 % Acetic Acid

## **Recommended Procedure:**

Volume for loading the spin column	500 µL extract
g-force (centrifuge)	5000 x g, 3 min
recovery rate	> 90 %