

BUCKWHEAT

MonoTrace[®] ELISA



BioFront
TECHNOLOGIES

MonoTrace[®] ELISA Kits for Food Allergen Detection

MonoTrace ELISA kits represent the first comprehensive line of monoclonal antibody-based assays aimed at helping the food industry to accurately detect and quantify trace amounts of nut allergens in various food matrices. These ELISAs incorporate precisely defined sets of monoclonal antibodies targeting major food allergens such as buckwheat and provide quantitative results in just 30 minutes post-extraction thanks to three 10-minute incubations!

- 10-minute sample incubation
- 10-minute conjugate incubation
- 10-minute substrate incubation

The MonoTrace[®] Advantage

- Target major food allergens
- Robust assay with high specificity to target allergen
- Quantitative assay in 30 minutes
- Uniform extraction for multiple allergens
- Wide quantitative range (e.g., 1 – 40 ppm)
- Reduce food matrix interference and cross-reactivity
- Sensitivity at or below 1 ppm
- Ready-to-use Standards

MonoTrace[®] Buckwheat ELISA Performance

Product #: BW1-EK-48 (48-well)
BW1-EK-96 (96-well)

Testing Time: 30 minutes

Extraction Time: 10 minutes

Number of Tests per Kit: 48 or 96

Limit of Detection: < 1 ppm

Range of Quantification: 1 - 40 ppm

Specificity: Buckwheat

The Front of the Line in Food Safety



The MonoTrace Buckwheat ELISA kit can be used to detect and quantify the presence of buckwheat protein in complex food matrices or to check for the removal of potentially allergenic buckwheat protein residues after surface swabbing.



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