

Supplemental materials

A highly sensitive and group-specific enzyme-linked immunosorbent assay (ELISA) for the detection of AFB₁ in agriculture and aquiculture products

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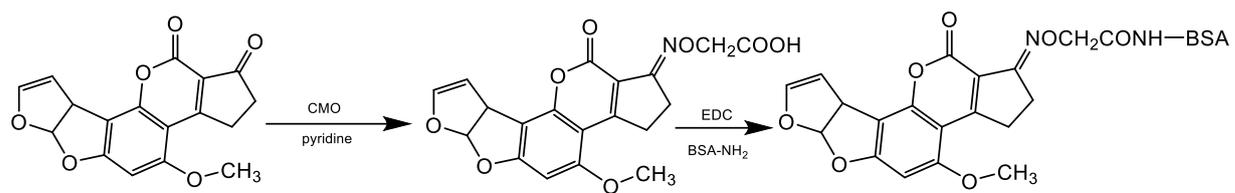


Fig. S1. Synthesis of AFB₁-BSA conjugate

Table S1. Wheat flour sample spiked with AFs and measured by LC-MS/MS

AFB ₁		AFB ₂		AFG ₁		AFG ₂	
Conc. Spiked (ng g ⁻¹)	Conc. Measured (ng g ⁻¹)	Conc. Spiked (ng g ⁻¹)	Conc. Measured (ng g ⁻¹)	Conc. Spiked (ng g ⁻¹)	Conc. Measured (ng g ⁻¹)	Conc. Spiked (ng g ⁻¹)	Conc. Measured (ng g ⁻¹)
0	1.40	0	0.21	0	0.75	0	0.09
5	5.55	1.25	0.96	5	4.63	1.25	1.03
10	9.68	2.5	1.80	10	9.57	2.5	2.17
20	20.11	5	3.70	20	19.13	5	4.30