

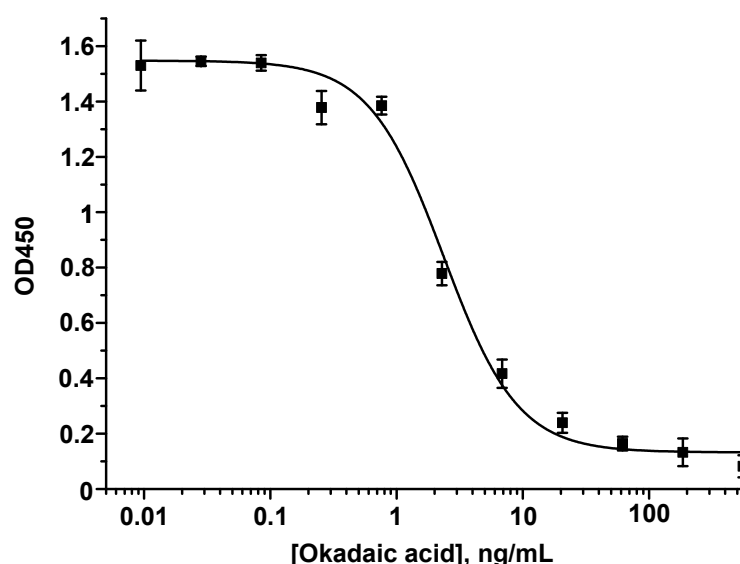
Supplementary Material

# Cascade-enhanced lateral flow immunoassay for sensitive detection of phycotoxin okadaic acid in seawater, fish, and sea-food

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**Figure S1.** Calibration curve of OA in the indirect ELISA.

**Table S1.** Parameters varied during optimization.

Parameter	Range of varied values	Selected value
Concentration of OA-BSA in the T zone, ng/mL	0.1–0.75	0.5
Concentration of DAGI in the C zone, ng/mL	0.05–0.5	0.1
Concentration of anti-OA MAbs, µg/mL	0.02–0.2	0.1
Volume of GAMI-AuNPs, µL	2–5	2.5
Time of preincubation of the reaction mixture, min	2–5	3
Time of incubation of test strips with the reaction mixture, min	10–20	15