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Double Immunochromatographic Test System for Sensitive Detection of Phycotoxins Domoic Acid and Okadaic Acid in Seawater and Seafood

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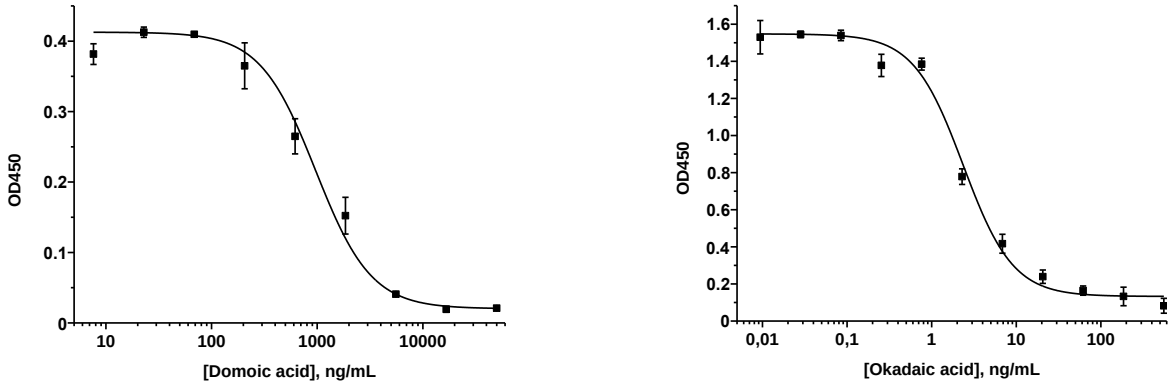
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(**a**) (**b**)

Figure S1. Calibration curves of DA (**a**) and OA (**b**) in the indirect ELISA.

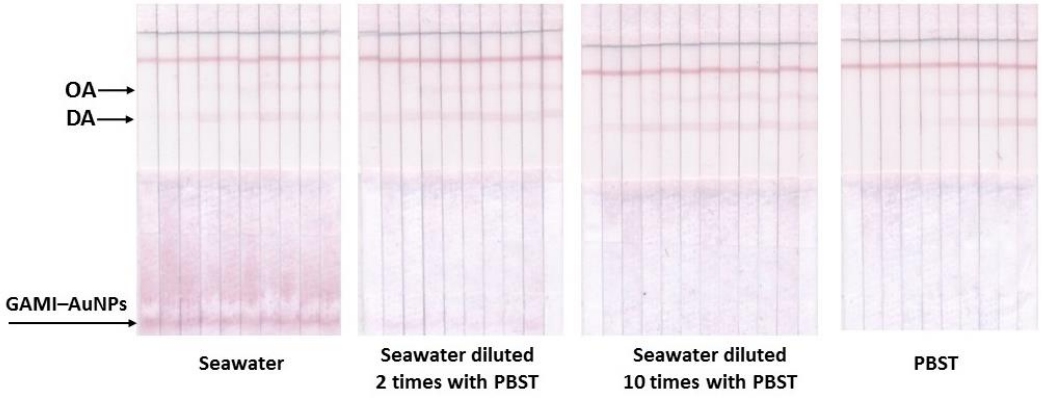


Figure S2. Images of the test strips after the double ICA of DA and OA in seawater.

Table S1. Comparison of analytical characteristics of double ICA for different methods of seawater sample preparation.

ICA conditions	Maximum signal amplitude, %	LOD, ng/mL	Cutoff, ng/mL
ICA of DA/OA in PBST	100/100	1.2/0.1	100/2.5
ICA of DA/OA in undiluted seawater	177/70	n.d./0.1	n.d./2.5
ICA of DA/OA in seawater diluted 2 times with PBST	156/80	n.d./0.1	n.d./2.5
ICA of DA/OA in seawater diluted 10 times with PBST	156/100	n.d./0.1	n.d./2.5

Table S2. Comparison of the analytical characteristics of double ICA with different methods of sample preparation of seawater containing Triton X-100.

ICA conditions	Maximum signal amplitude, %	LOD, ng/mL	Cutoff, ng/mL
ICA of DA/OA in PBST	100/100	1.4/0.1	100/2.5
ICA of DA/OA in seawater diluted 2 times with PBST	100/150	1.4/0.1	400/2.5
ICA of DA/OA in seawater diluted 5 times with PBST	100/150	1.4/0.1	400/2.5
ICA of DA/OA in PBST	100/100	1.4/0.1	100/2.5