Supporting Information for

Dual Signal Enhancement by Magnetic Separation and Split Aptamer for Ultrasensitive T-2 Toxin Detection

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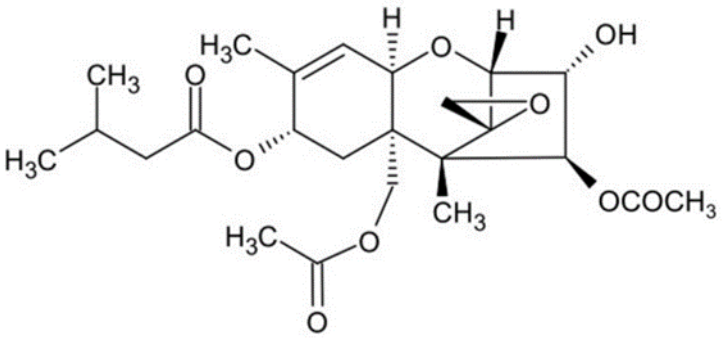


Figure S1 Chemical structure of T-2 toxin

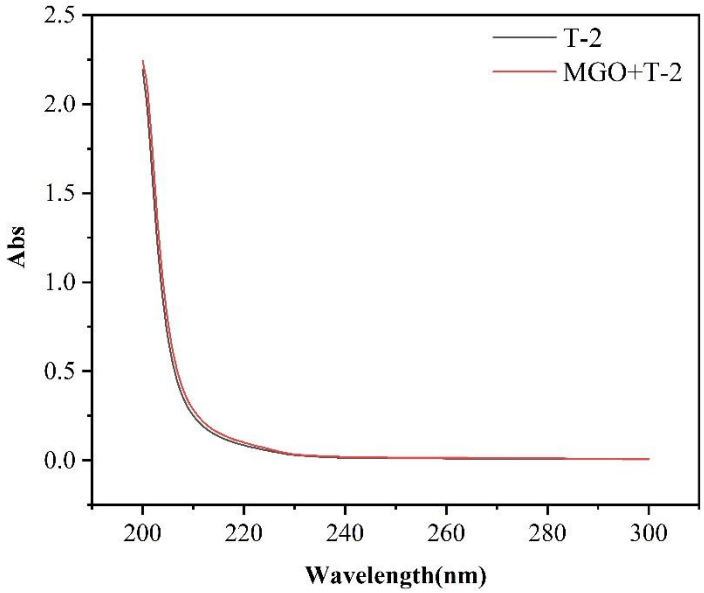


Figure S2 UV-Vis scanning of T-2 toxin before and after incubation with magnetic graphene oxide

Table S1. List of split aptamer sequences

Name	Sequence
FAM-SpA1-1	5'-FAM-CAGCTCAGAAGCTTGATCCTG-3'
SpA1-2	5'-TATATCAAGCATAGAGGTG-3'

Table S2 Recoveries of T-2 toxin in real samples

Samples	Spiked concentration (pM)			Detected concentration (pM)			recovery (%)		
wheat	100	200	400	114.2±10.1	171.7±20.0	378.4±15.2	114.2	86.0	94.6
beer	100	200	400	111.7±8.2	240.7±28.8	518.5±83.8	112.0	120.3	129.6