Supporting Information

A gold immunochromatographic assay for simultaneous detection of parathion and triazophos in agricultural products

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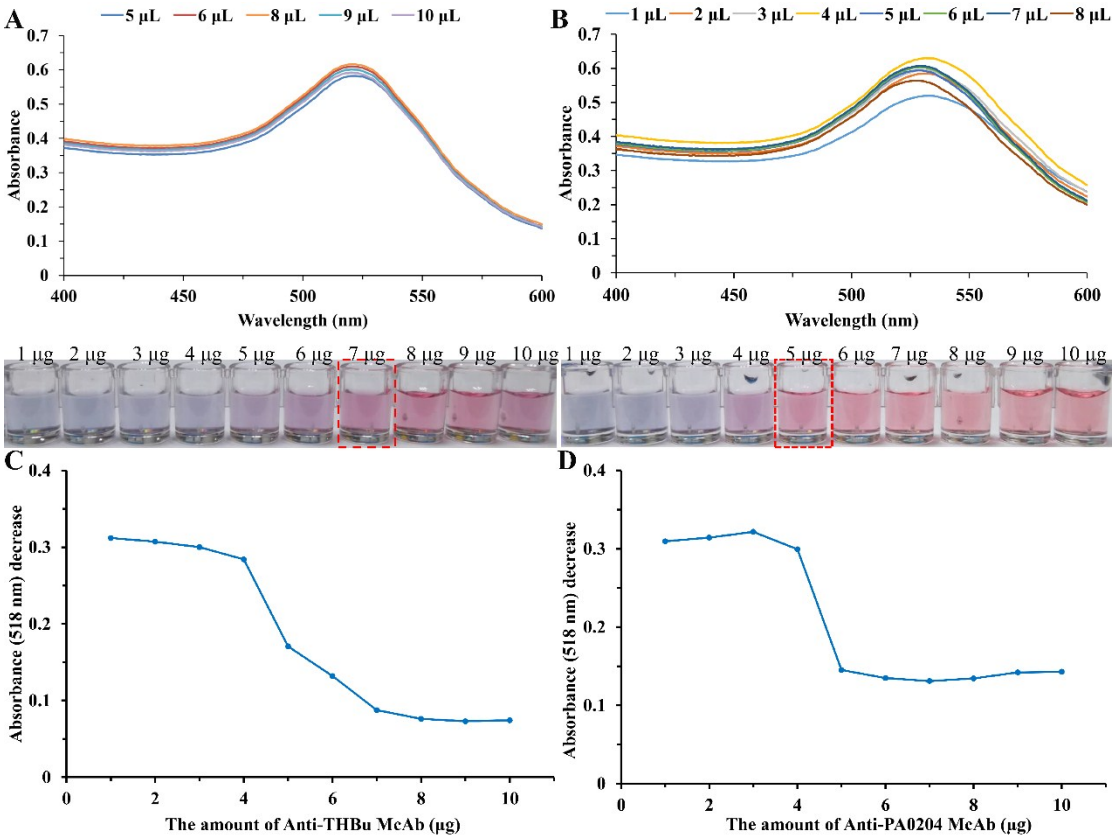

Fig.S1 (A) Optimization of volume (µL) of 0.1 mol L−1 K2CO3 for conjunction of Anti-THBu McAb and AuNPs. (B) Optimization of volume (µL) of 0.1 mol L−1 K2CO3 for conjunction of Anti-PA0204 McAb and AuNPs. (C) Optimization of Anti-THBu McAb amount in conjunction with AuNPs. (D) Optimization of Anti-PA0204 McAb amount in conjunction with AuNPs.

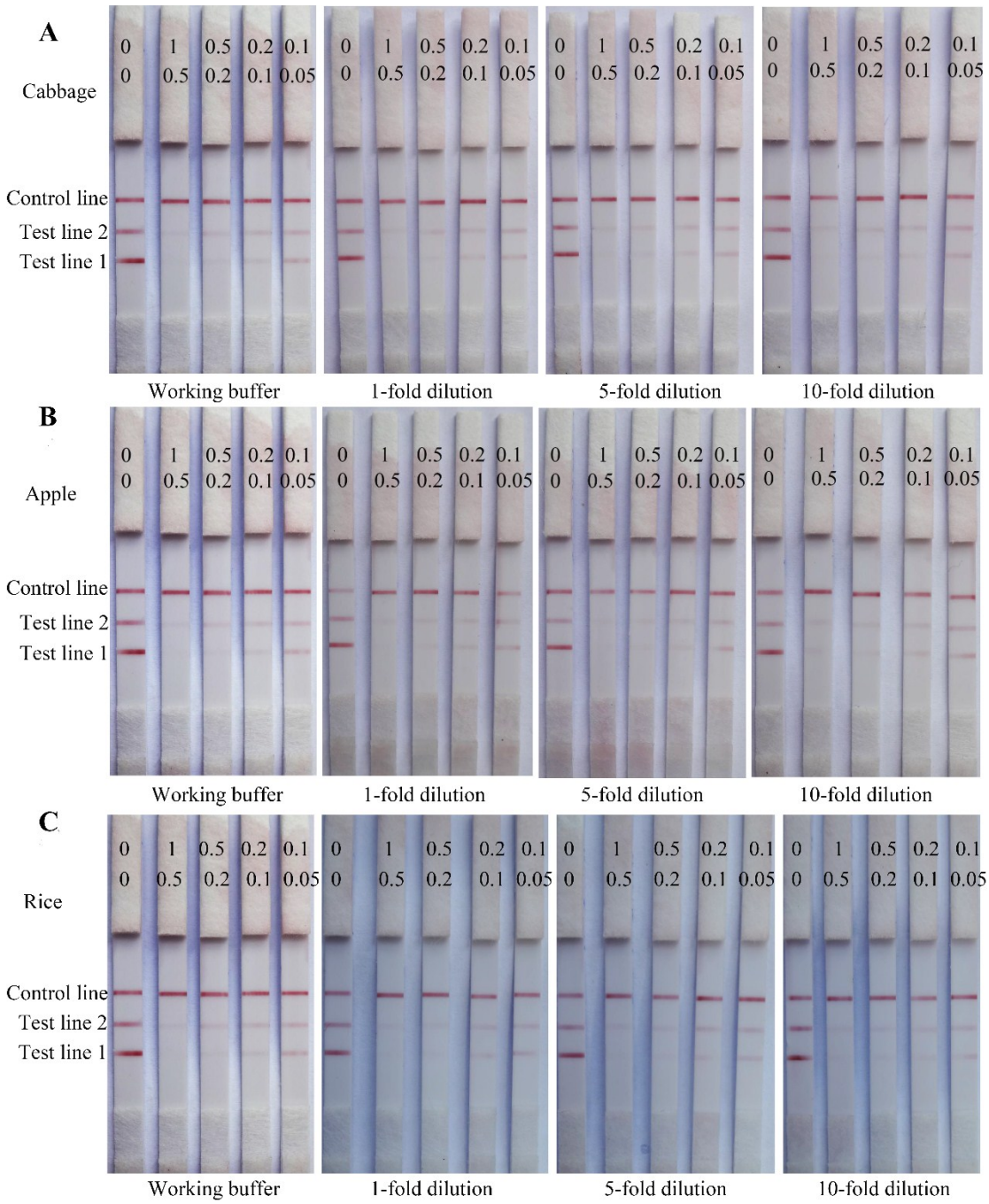

Fig.S2 Matrix interference of cabbage (A), apple (B) and rice (C) samples in GICA strip. Standard solutions of parathion/triazophos at each final concentration of 0/0, 1/0.5, 0.5/0.2, 0.2/0.1, 0.1/0.05 μg mL-1 (each group of strips from left to right) were tested.