

Electronic Supplementary Information

Carbon Black as Colorimetric Labels of Immunochromatographic Test Strip for Severe Fever with Thrombocytopenia Syndrome Virus Detection

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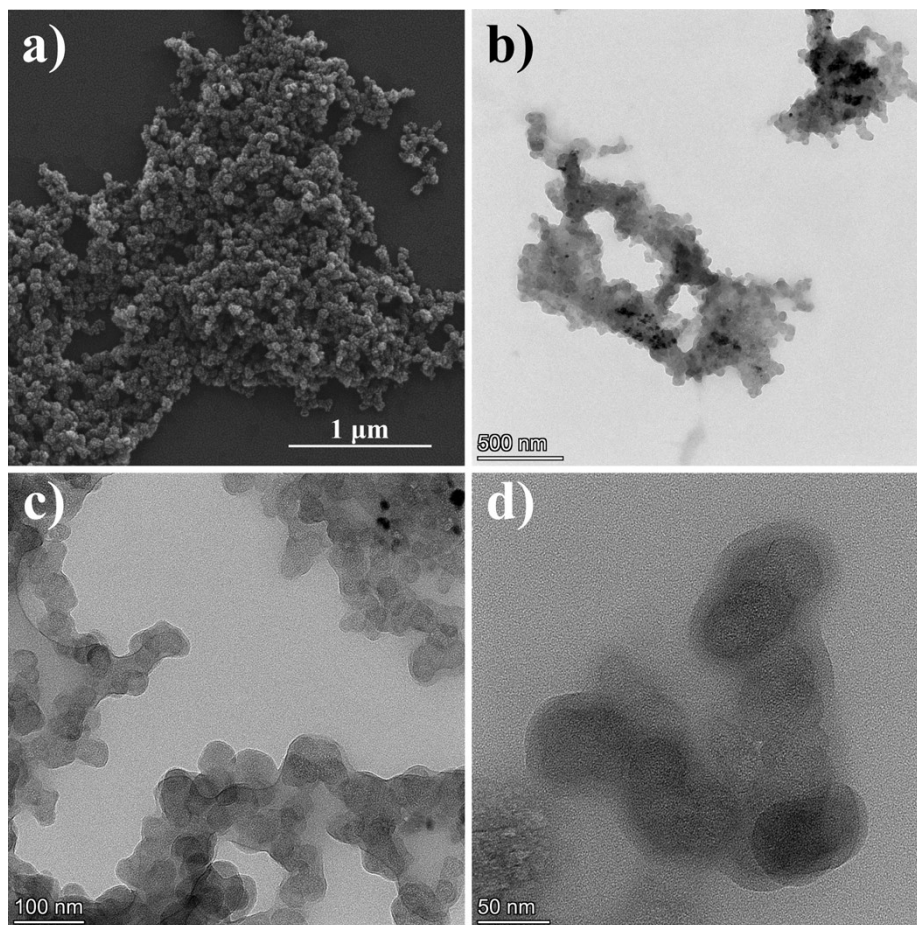


Figure S1. (a-b) SEM and TEM images of SB4 carbon black. (c-d) TEM images of CB-mAb.

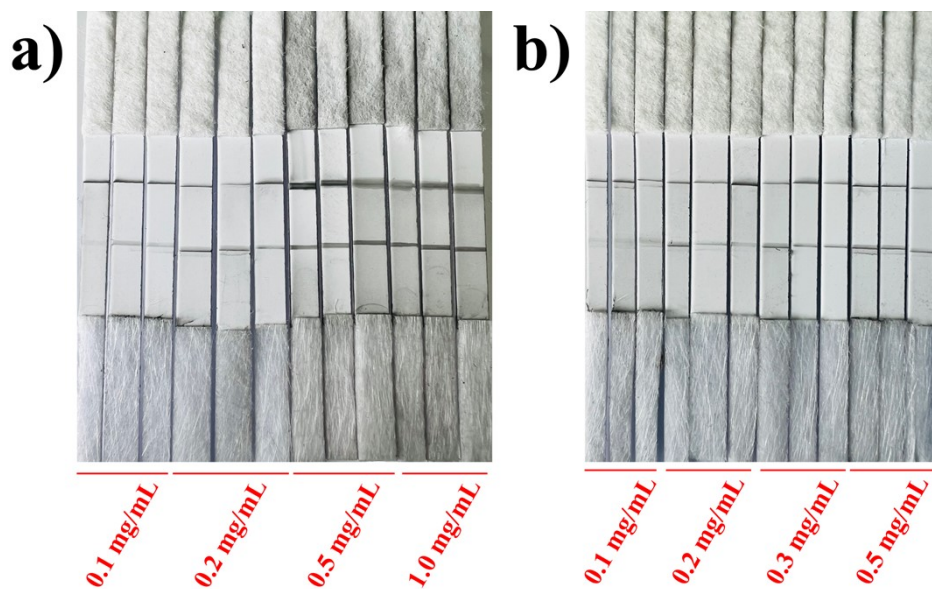


Figure S2. Optimization the concentration of carbon black (a) and anti-SFTSV mAb (b) in the CB-ICTS.

Table S1. Accuracy and Precision of CB-ICTS for detection of SFTSV (n = 3).

Analyte	Added (ng/mL)	Found (ng/mL)	Recovery rate (%)	CV (%)
SFTSV	200	210.75 ± 5.69	105.4	8.15
	100	91.58 ± 2.61	91.58	11.28
	10	10.45 ± 3.28	104.5	6.31