

Table S1: Limits of Detection of Antibody Pairs to detect CHIKV. The limits of detection (LoD) and dissociation constant (K_d) were calculated for antibody Combination A (48 and 155) for the dipstick, lateral flow, and ELISA format using decreasing concentrations of E1 and E2. LoD and K_d was calculated for antibody Combination B (B.1 and B.2) for the lateral flow format using decreasing concentrations of CHIKV virus-like particles (VLP).

	Dipstick	Lateral Flow	Lateral Flow	ELISA
Antibody Pair	48; 155	48; 155	B.1; B.2	48; 155
E1 LoD (ng/mL)	15.55	844.16		133.48
E1 Kd	125.81	2402.61		400.43
E2 LoD (ng/mL)	37.08	875.86		363.98
E2 Kd	202.15	299.79		1091.93
VLP LoD (ng/mL)			76.90	
VLP Kd			78.46	