

Figure S1: Binding of CHIKV antibodies. Monoclonal antibody clones were generated from CHIKV-immunized mice. The OD₄₅₀ when antibodies were treated with Chikungunya VLP or Mayaro VLP is represented as fold above background.

Figure S2: Limit of Detection of Antibody Pairs to detect CHIKV. Limits of Detection (LoD) were calculated using either Combination A (48 and 155) or Combination B (B.1 and B.2) antibodies. The LoD for Combination A were measured in dipstick format (A-B), lateral flow format (C-D), and ELISA (E-F), all by measuring the normalized signal intensity with decreasing concentrations of CHIKV E1 and E2. The LoD was measured for Combination B in a lateral flow format using decreasing concentrations of CHIKV virus-like particles (VLP) (G).