

Contribution Statements for Non-Corresponding Authors:

RA - Reader for laboratory evaluation blinded to experimental conditions. Wrote Python function to perform statistical testing. Reviewed manuscript draft.

AMC - Designed laboratory evaluation. Operator for laboratory evaluation. Outlined and co-wrote manuscript with AVW. Analyzed field study and laboratory evaluation data with AVW. Drafted Figure 1 with AVW. Prepared Supplementary Table 1.

AER – Reviewed participant Ag-RDT photos from field evaluation to extract strip lot information. Performed interim analysis of Ag-RDT results by strip lot. Provided feedback on design of laboratory evaluation. Reader for laboratory evaluation blinded to experimental conditions. Reviewed manuscript draft.

NS - Study administrator. Interviewed all participants who received false-positive antigen results. Amended IRB protocol to add acquisition of antigen lot numbers. QC of data. Reader for laboratory evaluation blinded to experimental conditions. Reviewed manuscript draft.

AVW – Provided feedback on design of laboratory evaluation. Reader for laboratory evaluation blinded to experimental conditions. Outlined and co-wrote manuscript with AMC. Analyzed field study and laboratory evaluation data with AMC. Drafted Figure 1 with AMC.