

THE LANCET

Global Health

Supplementary appendix

This appendix formed part of the original submission. We post it as supplied by the authors.

Supplement to: Rakotosamimanana N, Randrianirina F, Rendremanana R, et al. GeneXpert for the diagnosis of COVID-19 in LMICs. *Lancet Glob Health* 2020; published online Oct 19. [http://dx.doi.org/10.1016/S2214-109X\(20\)30428-9](http://dx.doi.org/10.1016/S2214-109X(20)30428-9).

Appendix. Interpretation guide for user of the Xpert Xpress SARS-CoV-2 assay. A result for a gene is considered negative (NEG) if no amplification is observed (Cycle threshold (Ct)=0) or if the Ct values is greater than 40 cycles. A result for a gene is considered positive (POS), if a Ct value is observed within the normal range (i.e $Ct \leq 40$ cycles). SPC= Sample Processing Control.

Gene E	Gene N	SPC	Result	Action
NEG	NEG	NEG	Invalid	Repeat test. If the repeat result remains invalid consider collecting a new specimen.
NEG	NEG	POS	SARS-COV-2 Not detected	Report result to healthn care provider. Consider testing for other viruses.
POS	POS	POS or NEG	SARS-CoV-2 detected	Report results to healthn care provider and appropriate public health authorities.
NEG	POS	POS or NEG	SARS-CoV-2 detected	
POS	NEG	POS or NEG	SARS-COV-2 detection inconclusive	Repeat test. If the repeat result remains invalid consider collecting a new specimen or use another test.