

Supplementary Appendix 2

List of test panels with request criteria, sample types, and variations by site

Panel	Sample type	Test	Brazil	Gabon	Malawi	
Standard	EDTA-whole blood	Malaria	BIOLINE Malaria Ag Pf/Pan (Alere/SD, South Korea)			
		HIV	HIV 1/2 (BIOCON)	VIKIA HIV 1/2 (bioMérieux, France)	Alere Determine™ HIV-1/2 Ag/Ab Combo and Uni-Gold HIV 1/2	
		Typhoid	None	Blood culture	TyphiDot (Biodiagnostic Research Sdn. Bhd, Selangor Darul Ehsan, Malaysia)	
	EDTA-plasma	<i>Rickettsia</i> spp.	PCR	Vircell ELISA (IgM/IgG)		
		<i>Leptospira</i> spp.	Microscopic agglutination test (MAT)	SERION VIRION ELISA (IgM/IgG)		
		Chikungunya virus	PCR; Chembio DPP RDT (IgM/IgG) and EUROIMMUN ELISA (IgM/IgG)	EUROIMMUN ELISA (IgM/IgG)		
		Dengue virus	PCR; Chembio DPP RDT and EUROIMMUN	EUROIMMUN ELISA (IgM/IgG and NS1)		

			ELISA (IgM/IgG)		
		Zika virus	PCR; Chembio DPP RDT and EUROIMMUN ELISA (IgM/IgG)	EUROIMMUN ELISA (IgM/IgG)	
No focus	EDTA-whole blood	Syphilis	Syphilis test SD Bioline 3.0 (Alere/SD, South Korea)		
		Cryptococcus	CrAg LFA, (IMMY, USA)		
Respiratory	Oropharyngeal swab	Group A <i>Streptococcus</i> RDT	In-Line Strep A test (Quidel, USA)		
	Oropharyngeal swab	Multiplex PCR for respiratory pathogens	Fast Track Diagnostics Respiratory Pathogens 21	Seegene Allplex™ Respiratory Panel Assays 1 to 4	
	Urine	Rapid urinary antigen test for <i>Streptococcus pneumoniae</i>	BinaxNOW® <i>S. pneumoniae</i> Antigen Card (Alere, South Korea)		
Stool	Stool	Rotavirus and adenovirus	VIKIA (BioMerieux, France)		
Urinary	Urine	Dipstick, white blood cells, and protein	Urilab H10 (Urilab Systems-	Combur 10-Test (Roche	Urilab H10 (Urilab Systems-

			Diagnostics, India)	Diagnostics, Switzerland)	Diagnostics, India)
Central nervous system	Cerebrospinal fluid	Cryptococcus	CrAg LFA, (IMMY, USA)		

Abbreviations RDT: rapid diagnostic test; PCR: polymerase chain reaction; ELISA: enzyme-linked immunosorbent assay; IgM: immunoglobulin M; IgG: immunoglobulin G; NS1: non-structural protein 1; MAT: microscopic agglutination test