



Patient symptoms
TESTING PANEL



SAMPLE TYPE
Test performed

All patients meeting inclusion criteria

STANDARD

FINGERPRICK

- FebriDx (Malawi only)

EDTA-WHOLE BLOOD

- Hematology
- HIV RDT
- Malaria RDT
- Typhoid RDT

BLOOD CULTURE BOTTLES

- Aerobic blood culture
- Anaerobic blood culture (when available)

EDTA-PLASMA

- Zika IgM/IgG ELISA and/or PCR
- Dengue NS1/IgM/IgG ELISA and/or PCR
- Chikungunya IgM/IgG ELISA and/or PCR
- Leptospira IgM/IgG ELISA or MAT
- Rickettsia IgM/IgG ELISA



IF Cough > 3 days duration
OR Sore throat
OR Productive cough with discoloured sputum
OR Physical examination consistent with pneumonia
OR Respiratory rate > 20 breaths/min

RESPIRATORY INFECTION

THROAT SWAB

- Strep Group A RDT
- Multiplex PCR for respiratory pathogens

URINE

- *S. pneumoniae* RDT



IF Stool frequency > 3 per day
OR loose/liquid stools on at least 1 day/week prior admission
OR other related gastro indication

GASTROINTESTINAL INFECTION

STOOL

- Microscopy
- Culture
- Adeno/Rotavirus RDT



IF Urine frequency
OR Dysuria
OR Flank pain
OR Tenderness on physical examination

URINARY TRACT INFECTION

URINE

- Dipstick
- Culture



IF Symptoms of central nervous system infection

CENTRAL NERVOUS SYSTEM INFECTION

CEREBRAL SPINAL FLUID

- Cell count
- Gram stain
- Culture
- Cryptococcus RDT
- *S. pneumoniae* RDT



IF Cutaneous lesion
OR Joint effusion consistent with infectious arthritis
OR Mucosal infection/Ear discharge

SKIN/JOINT/MUCOSAL INFECTION

ASPIRATE/PUS

- Gram stain
- Culture

IF No other symptom-specific testing panel

NO FOCUS

EDTA-WHOLE BLOOD

- Cryptococcus RDT
- Syphilis RDT