S2 Fig. Diagnostic laboratory algorithm.

Enrolled subjects provided specimens

Hospital Laboratory
(site-to-site variation in diagnostic procedures and capacity)

All subjects screened by blood culture

Subjects screened according to clinical presentations

Physician-directed SOC testing providing confirmatory results:
- Sputum/urine/feces/pus culture
- Microscopy
- Malaria
- Parasites
- M. tuberculosis and M. leprae

Physician-directed SOC testing providing results requiring confirmation by INA-RESPOND Lab:
- Rapid diagnostic tests
  - Dengue IgM/IgG, NS1
  - Salmonella Typhi IgM
  - Leptospira spp. IgM

INA-RESPOND Reference Laboratory

All subjects screened for dengue virus and HIV

Subjects screened according to clinical diagnosis

Respiratory diseases:
- Molecular tests when specimens were available
- Serological tests on acute and/or convalescent samples

Diarrheal diseases:
- Molecular tests when specimens were available
- Microscopy when fecal samples were available

Urinary tract infections:
- Molecular tests when specimens were available
- Serological tests on acute and/or convalescent samples

Pathogen-specific molecular and serological tests:
- Salmonella Typhi
- Leptospira spp.
- Measles virus
- Toxoplasma gondii

Results

Dengue virus

Dengue virus and E. faecalis

Unidentified

Others (Bacteria, Viruses, Parasites, Multiple pathogens)

Subjects screened further by molecular and serological testing:
- All screened for Rickettsia spp., Leptospira spp., chikungunya virus, and Salmonella spp.
- All with increased bilirubin, transaminases, and creatinine screened for hantavirus.
- All <18 years old screened for HHV-6

Rickettsia spp., Leptospira spp., chikungunya virus, Salmonella spp., hantavirus, HHV-6 identified

Unidentified

Subjects screened by molecular testing on acute blood specimens for E. coli, K. pneumonia, and S. aureus

E. coli, K. pneumonia, S. aureus identified

Unidentified