

Specimen sent to lab for malaria diagnostic testing

Are expert personnel available on-site?

Yes

No

Are there on-call expert personnel?

Yes

No

Notify on-call personnel STAT!

Use rapid diagnostic test

(+ Test)

(- Test)

Initiate presumptive therapy

**-Perform thick and thin smears
-Report results to ordering physician within 4 hours of receiving specimen
-If parasites present determine percent parasitemia and species identification**

-If parasites present, physician to initiate therapy while awaiting percent parasitemia and species identification

-If no parasites present, repeat for a total of 3 sets of smears

If species diagnosis unclear, send specimen to reference laboratory for further testing