

## Quick Reference Guide *For more detailed instructions please refer to the manufacturer's package insert*

### Indications for use

- RDTs are not used for individual diagnosis
- RDTs are used for surveillance to 1) speed up detection and 2) monitoring of outbreaks
- Consider the testing strategy applied currently in your area
- Perform RDT on fresh stool samples, within 2 hours of collection

### Before you start

- Verify expiry dates and storage conditions
- Ensure all kit components are at room temperature before testing
- Disinfect your workspace
- Wear appropriate personal protective equipment. Wear new gloves when handling stool for RDTs

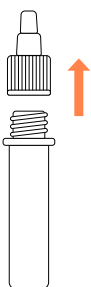


### At the end

- Place all waste in a double-lined biohazard bag or sharps container, disinfect the workspace
- Remove gloves and wash your hands
- Record any and all RDT results in a paper or electronic register
- Report any and all RDT results, including invalids and non-reactive results
- Samples can be transported for further testing based on testing strategy



**1** Label the specimen collection tube with the patient identifier then open the cap.

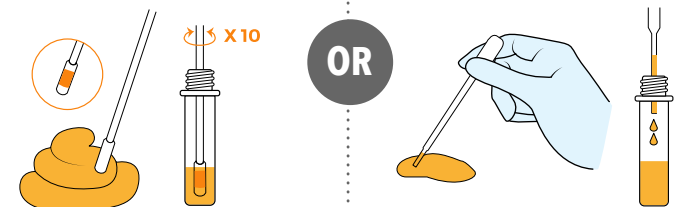


**Specimen collection tube**

**2** **Semi-solid faecal specimens:** Collect sufficient specimen using the collection swab and insert the swab into collection tube and swirl the swab at least 10 times.

**Liquid faecal specimens:** Draw liquid specimen up to the fill line using the dropper and transfer to the specimen collection tube.

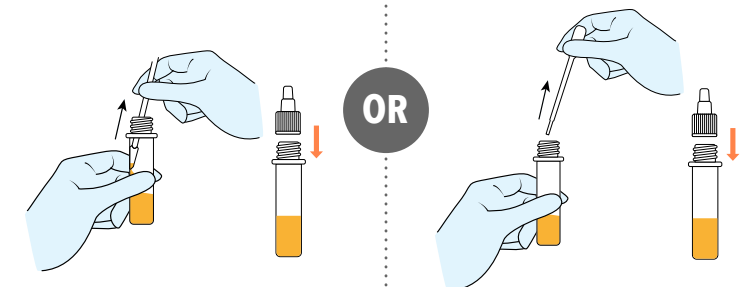
OR



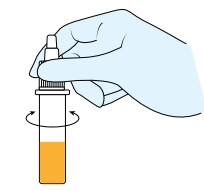
**3** **Semi-solid faecal specimens:** Remove the swab while squeezing against the wall of tube. Tightly recap the specimen collection tube.

**Liquid faecal specimens:** Discard the dropper. Tightly recap the specimen collection tube.

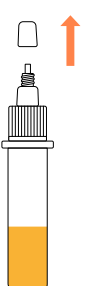
OR



**4** Shake tube thoroughly to ensure proper mixing of the fecal specimen with extraction buffer.



**5** Unscrew the nozzle cap of the specimen collection tube.



**6** Carefully open test pouch. Discard if damaged, or if desiccant is missing or altered. Write patient ID on the cassette.

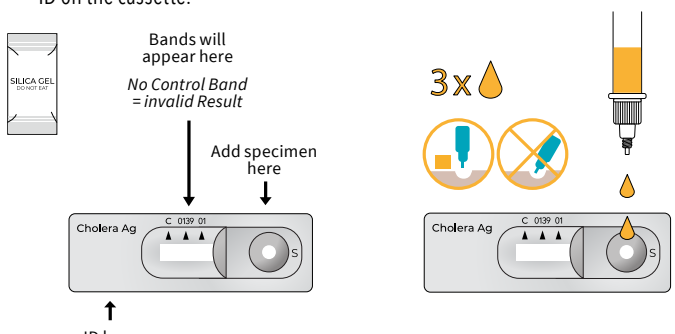
Hold the collection tube vertically and dispense 3 drops into the specimen well "S".

Bands will appear here  
No Control Band = invalid Result

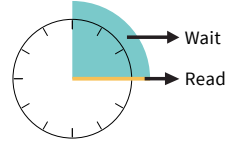
Add specimen here

↑ ID here

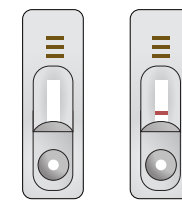
3x



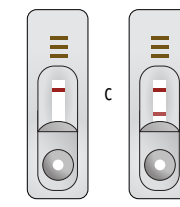
**7** Wait 15 minutes and read the result.



Wait  
Read



**Invalid tests**



**Valid tests**

**For more information**

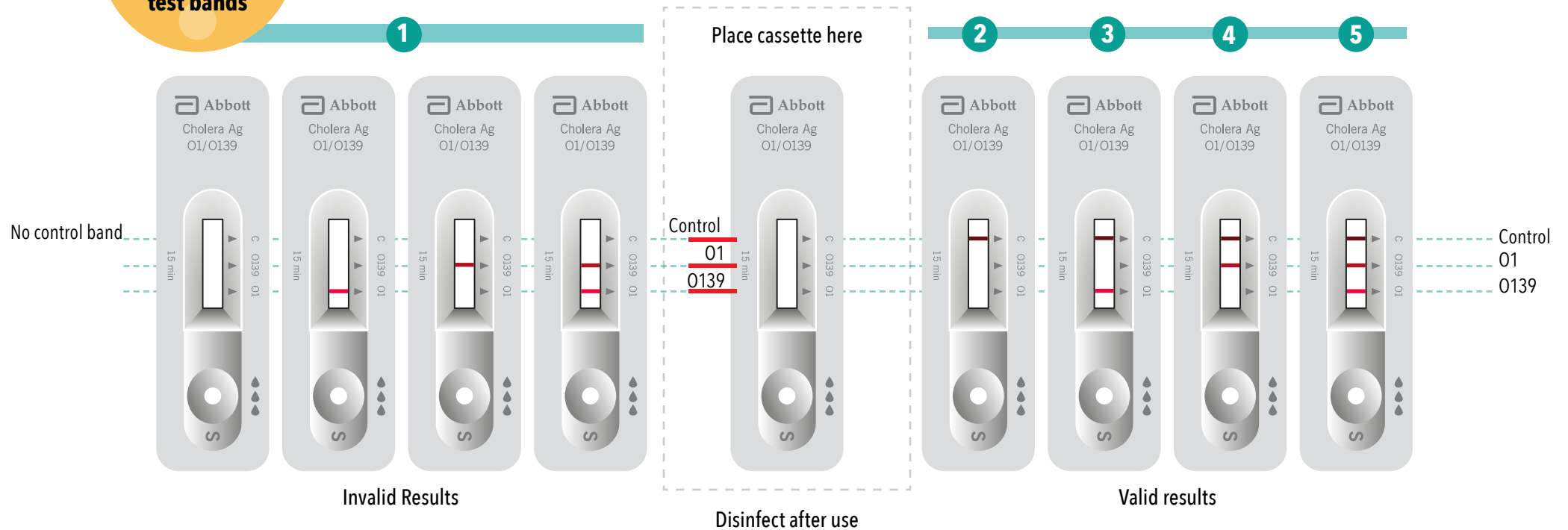
[GTFCC referral and reporting forms](#)

[GTFCC mobile application](#)

**Training:** [Sample collection and testing with Rapid Diagnostic Tests for cholera for health care workers](#)

**Confirm control band is present before reading test bands**

Place the test cassette on the space below. Compare the bands to the examples below. Any test band, no matter how faint, should be considered a reactive test result.



## RESULTS AND ACTIONS

Record all results in the appropriate register(s) and report final results on appropriate case management form and laboratory referral forms.

|          | Test Bands                | Result                   | Action  |
|----------|---------------------------|--------------------------|---|
| <b>1</b> | No control band           | Invalid                  | Repeat using a new test   |
| <b>2</b> | Control band only         | Non-reactive             | Report as VC non-reactive   |
| <b>3</b> | Control & VC O1 band      | VC O1 reactive           | Report as VC O1 reactive  |
| <b>4</b> | Control & VC O139 band    | VC O139 reactive         | Repeat test, if 2 <sup>nd</sup> result is the same, report as VC O139 reactive. Send sample to laboratory for further testing         |
| <b>5</b> | Control & VC O1 & VC O139 | VC O1 & VC O139 reactive | Repeat test, if 2 <sup>nd</sup> result is the same, report as VC O1 & VC O139 reactive. Send sample to laboratory for further testing |

***Vibrio cholerae* O139 is uncommon outside of Southeast Asia, If the RDT shows a band for O139 it must be considered in context - the area you are in and if there is a current outbreak of VC O139. When O139 is an unexpected result, further testing is always required.**