

# TYPHI<sub>RAPID</sub>



A rapid IgM test for the diagnosis of acute typhoid fever

## FEATURES

- Rapid
- Simple, easy and convenient
- Small amount of specimen needed
- High sensitivity and specificity
- High predictive value
- Effective

## BENEFITS

- Early and definitive diagnosis of typhoid fever
- No special equipment is needed
- Results are easy to interpret
- No sample preparation
- Small volume (25  $\mu$ l) used
- Higher sensitivity and specificity than current serological tests
- Increases confidence level
- Early definitive treatment, reduces investigations, hospital stay and human suffering

## PERFORMANCE CHARACTERISTICS

Method	: Immunochromatography
Detection	: Specific IgM antibodies against specific <i>Salmonella typhi</i> antigens in human serum
Specimen	: Serum
Specimen volume	: 25 $\mu$ l
Shelf life	: 18 months
Assay time	: 15 minutes

## APPLICATION

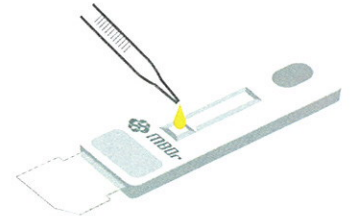
For the rapid diagnosis of acute typhoid fever in places such as hospital or private laboratories, clinic or general practice.

## ORDERING INFORMATION

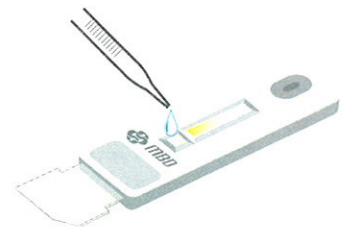
MBDr/T06/25T

## PROCEDURE FOR TYPHI<sub>RAPID</sub>

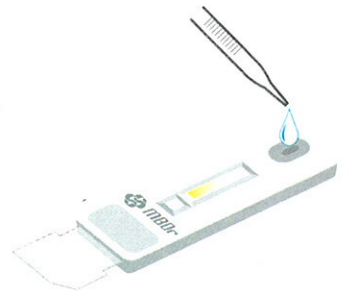
i. Add 25  $\mu$ l serum to square well. Serum will start wicking up the membrane. Wait for 5 minutes.



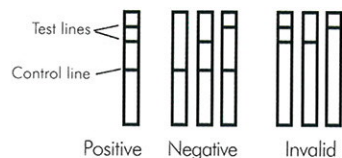
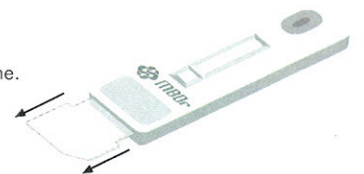
ii. Add 25  $\mu$ l of chase buffer to the square well and wait for 1 minute.



iii. Add 100  $\mu$ l of buffer to oval well.



iv. Pull clear tab until resistance is felt. Wait for 10 minutes. Read results within 5 minutes since colour of lines may fade with time.



## INTERPRETATION OF RESULTS

1. The test is positive when BOTH the test lines are observed. Any intensity of band observed should be considered as positive.
2. The test is considered negative when either test line or both test lines are not seen.
3. The test is invalid when the control line is not seen. When an invalid result is obtained, the test should be repeated using a new test cassette.



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