

Typhoid (WB)

Rapid Diagnostic Test for the detection of IgM antibodies to
S. typhi in human serum/ plasma or whole blood
Cassette

Features

- Rapid visual qualitative test
- Highly sensitive for the detection of *S. typhi* specific IgM antibodies
- Highly specific because of *S. typhi* specific LPS antigens coated on the membrane
- High degree of correlation of test results with WIDAL test results
- Simple and easy to use
- Built in control for the test run validation
- **Can be stored at 4°C to 30°C**
- **Shelf life : 2 years**

The *Salmonella typhi* sensitized IgM correlates with infection in the following manner

Detectable IgM response with days of fever

| Onset of Fever | Percent Positive |
|----------------|------------------|
| 4-6 days | 43.50% |
| 6-9 days | 92.90% |
| >9 days | 100% |

TEST PROCEDURE AND INTERPRETATION OF TEST RESULTS

Test Procedure:

Dispense 5 µl of Serum, plasma or whole blood in to the sample port 'A' using the micro pipette or sample dropper provided.

Add 5 drops of buffer solution in to the reagent port 'B' by holding the dropper bottle vertically upside down.

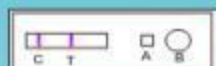
Place the cassette horizontally on the flat surface. Wait for 15 minutes. Read the results after 15 minutes.



Interpretation of test results:



Negative Presence of one colored band at the Control 'C' region indicates a negative results.



Positive

Presence of two color bands at Control 'C' and Test 'T' region indicate a positive results.



Positive

If neither the Control 'C' band nor the Test 'T' band appears at the end of 15 minutes then the results are invalid. Repeat the test with a new cassette.



Performance Characteristics :

SENSITIVITY : 100%

SPECIFICITY : 97.7%

Pack size : 25 Tests



Manufactured by
SSA DIAGNOSTICS & BIOTECH SYSTEMS
GOA (INDIA)
(Unit of **KEE GAD Biogen Pvt. Ltd.**)