

# TYPHI<sub>DOT</sub><sup>®</sup>



Dot EIA for the rapid detection of specific IgM and IgG antibodies against a specific antigen for *Salmonella typhi*.

## FEATURES

- Rapid
- Simple, easy & convenient
- 10 µl of serum is needed
- High sensitivity, specificity, positive & negative predictive values (>95%)
- Detects both IgG & IgM separately
- Cost effective

## BENEFITS

- Early & definitive diagnosis of typhoid fever
- No special equipment is needed
- Results are very easy to read & interpret
- Can diagnose typhoid with a single serum specimen
- No sample preparation
- Low volume used
- Higher than current serological tests
- Increases confidence level
- Indicates the stages of typhoid infection
- Early definitive treatment, reduces investigations and hospital stay

## PERFORMANCE CHARACTERISTICS

Method	: Enzyme Immunoassay
Detection	: Specific IgM and IgG antibodies against specific <i>Salmonella typhi</i> antigens in human serum
Specimen	: Serum
Specimen volume	: 10 µl
Shelf life	: 12 months
Assay time	: 1 hour

## TEST PERFORMANCE

Sensitivity	} > 95%
Specificity	
Negative Predictive Value	
Positive Predictive Value	

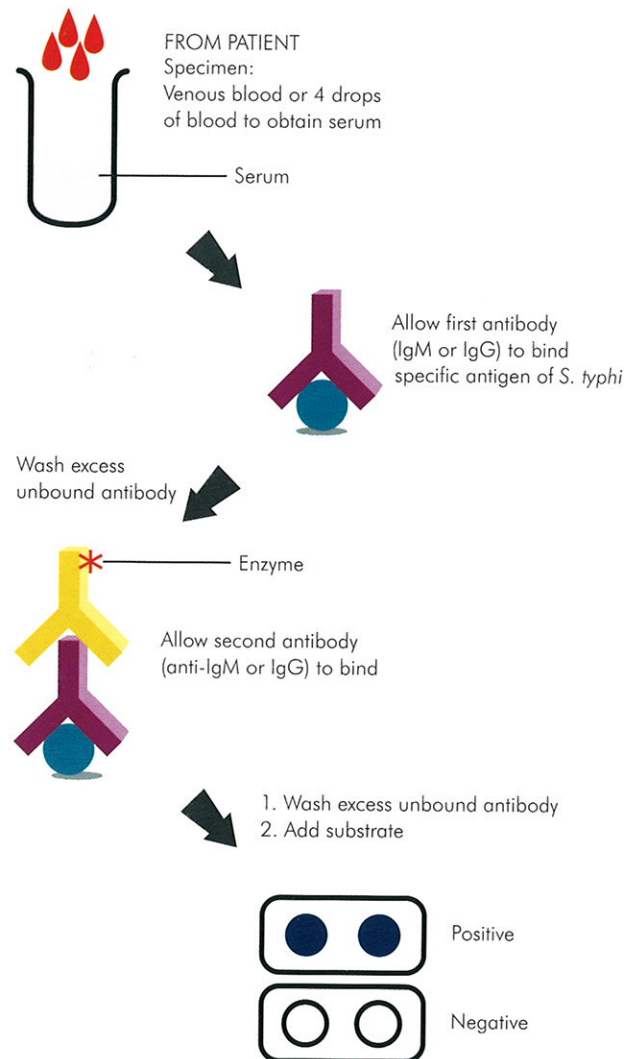
## ORDERING INFORMATION

Typhidot 1 Hour (28T)	: MBD <sub>r</sub> /T01/28T
Typhidot 1 Hour (56T)	: MBD <sub>r</sub> /T01/56T
Typhidot M	: MBD <sub>r</sub> /T02/30T
Typhidot 3 Hours	: MBD <sub>r</sub> /T03/28T



Reg. No. 06454 (Ukas)  
BS EN ISO 9001 : 2000 Certified

## PROCEDURE FOR TYPHI<sub>DOT</sub><sup>®</sup>



## INTERPRETATION OF RESULTS

IgM positive only	Acute typhoid fever
IgM & IgG positive	Acute typhoid fever (in the middle stage of infection)
IgG positive	Implications for the presence of IgG antibodies include relapse or reinfection or previous infection (in which case current fever may not be due to typhoid). In such cases, confirmation can be obtained from TYPHI <sub>DOT</sub> -M results MBD <sub>r</sub> /T02/30T.
IgM & IgG negative	Probably not typhoid