



Zephyr Biomedicals

Quick Reference Guide

ENTEROCHECK® - WB

Enterocheck® -WB
Rapid test for the detection of IgM antibodies to *Salmonella typhi*
in serum / plasma / whole blood

Intended Use: _____

Enterocheck® -WB, a rapid immunoassay device which is useful for the early detection of infection with *S. typhi*, reconfirmation of clinically suspect Widal positive cases, confirmation of Widal negative clinically suspect febrile related pediatric cases. Enterocheck® -WB can also be used as a clinical adjunct to culture methods.

Enterocheck® -WB kit components:

Device	Membrane test assembly predispensed with Anti-human IgM - colloidal gold conjugate, rabbit IgG - colloidal gold conjugate, <i>S. typhi</i> LPS antigen and Anti-rabbit antiserum coated at the respective regions
Buffer	Ready to use buffer in a dropper bottle
Loop	Disposable 5 µl sample loops
Other Accessories	Desiccant pouch and Package Insert

Performance Characteristics:

Sensitivity: 80.56%	Specificity: 96.15%
----------------------------	----------------------------

FEATURES	BENEFITS
Specific detection of IgM class of <i>S. typhi</i> antibodies	Early detection; within few days of onset of fever Detectability close to pyrexia and onset of symptoms
Minimum interference from base level titers	Accurate and reliable detection of secondary infection Works irrespective of endemicity Ideal for detection of <i>S. typhi</i> infection in endemic areas
Easy to use	Does not require skilled personnel, instrumentation and expensive equipment Room temperature storage
High usage flexibility	Serum, plasma and whole blood sample options ensure usability in all settings
High practical applicability	Does not require testing of paired sera as in Widal Faster turn around time Better patient management

Storage / Stability	Temperature	Duration
Unopened kit	4-30°C	24 Months
Opened pouch	4-30°C	Use immediately

Available Pack Sizes	
10 Tests	25 Tests