

## TEST PROCEDURE

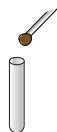
### How to perform the test



- 1. Unpreserved stool specimens:**  
Add **500**  $\mu$ L of Sample Diluent to a test tube.

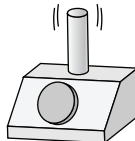
**Preserved stool specimens:**

- Add **100**  $\mu$ L of Sample Diluent to a test tube.

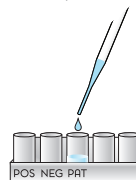


- 2. Unpreserved, solid stool:** Using applicator stick, add small portion (**5 - 6 mm** diameter) of thoroughly mixed stool to tube and emulsify using the applicator stick.

**Preserved stool or unpreserved, liquid stool:** Using transfer pipette, add **100**  $\mu$ L of stool to tube. Rinse pipette several times.



- 3.** Vortex for 15 seconds.



- 4.** Using the transfer pipette, add **100**  $\mu$ L of diluted stool to a test well (PAT).



- 5.** Add 2 drops of Positive Control and **100**  $\mu$ L of Negative Control (Sample Diluent) reagents to designated wells.



- 6.** Add 1 drop Enzyme Conjugate to all wells. Shake firmly for 30 seconds. Seal the plate and incubate at 19-27 C for 1 hour.



- 7.** Wash 5 times with 1X Wash Buffer.

\* See package insert for proper wash procedure



- 8.** Add 2 drops of Substrate Solution I to all wells. Shake firmly for 30 seconds and incubate for 10 minutes at 19-27 C.



- 9.** Add 2 drops of Stop Solution I to each well and firmly shake for 30 seconds.

## Interpretation of Results

### Visual:

Negative: Colorless to Faint Yellow  
Positive: Definite Yellow Color

A faint yellow color must be evaluated spectrophotometrically. If a spectrophotometer is not available, the cutoff must be determined by another method.

### Spectrophotometric Single

#### Wavelength (450 NM):

Positive Control= OD 450  $\geq$  0.640  
Negative Control= OD 450 < 0.140  
Positive Test: OD 450  $\geq$  0.140  
Negative Test: OD 450 < 0.140

### Spectrophotometric Dual

#### Wavelength (450/630 NM):

Positive Control= OD 450/630  $\geq$  0.600  
Negative Control= OD 450/630 < 0.100  
Positive Test: OD 450/630  $\geq$  0.100  
Negative Test: OD 450/630 < 0.100

**NOTE:** This chart does not contain complete instructions for use. For further information please thoroughly read the package insert.



This illustration is representative of the current and complete instructions for use at the time of publication. Please refer to the most current complete version of the assay instructions. [www.meridianbioscience.com/pi](http://www.meridianbioscience.com/pi)

### USA/CORPORATE OFFICE



Meridian Bioscience  
3471 River Hills Drive  
Cincinnati, Ohio 45244 USA  
Telephone: 513-271-3700

Orders/Customer Service: 1-800-543-1980  
Technical Support: 1-800-343-3858  
Information Fax: 513-272-5432  
Ordering Fax: 513-271-0124  
[meridianbioscience.com](http://meridianbioscience.com)