

## ADVANCED *C. DIFFICILE* TESTING

# *C. DIFF CHEK™-60*

*Accurately detect C. difficile antigen (GDH) in fecal specimens*

- Guidelines recommend GDH screening in combination with toxin testing
- Algorithm testing provides a more complete diagnostic picture than molecular testing alone
- Molecular assays only indicate if a gene is present, not if disease-causing toxins are being produced
- Sensitivity and Negative Predictive Value (NPV) of GDH are equivalent to toxigenic culture



*C. DIFF CHEK™-60*

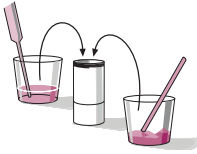
### Product Order Information

Product Name	Cat. No.	Sample Type	Time to Result	Format
<i>C. DIFF CHEK™-60</i>	TL5025	Fresh and frozen fecal sample (unpreserved)	1 hour or 30 minutes (rapid format)	Microplate ELISA

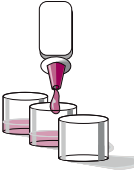
# C. DIFF CHEK™-60

## Assay Protocol

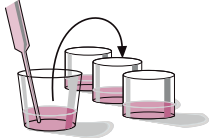
**1 Dilute fecal specimen**  
To 200 µL *Diluent*, add 50 µL of liquid specimen. Alternatively, for a formed specimen, prepare by using an applicator stick to transfer sample to 200µL *Diluent*.




**2 Add Conjugate**  
Add 1 drop (50 µL) of *Conjugate* to each well.




**3 Add fecal samples using pipette**  
Transfer 2 drops (100 µL) of diluted sample, or 1-2 drops (50-100 µL) of *Controls*, to wells containing *Conjugate*. Incubate wells at 37°C ± 2°C according to the package insert.



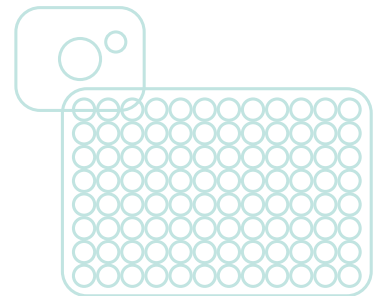
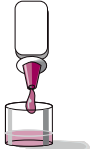
**4 Wash Assay Wells**  
Wash wells with diluted *Wash Buffer* 5 times. Slap inverted plate hard on paper towels between each wash.



**5 Add Substrate reagent**  
Add 2 drops (100 µL) of *Substrate* to all test wells. Incubate wells at room temperature for 10 minutes. Tap wells gently to mix during incubation.



**6 Add Stop Solution**  
Add 1 drop (50 µL) of *Stop Solution*. Wait 2 minutes before reading. Yellow color indicates a positive reaction.



Crobach MJ, Planche T, Eckert C, Barbut F, Terveer EM, Dekkers OM, et al. European Society of Clinical Microbiology and Infectious Diseases: Update of the diagnostic guidance document for *Clostridium difficile* infection. Clin Microbiol Infect 2016;22:S63e81.

TECHLAB, Inc. is a leading developer and manufacturer of infectious disease diagnostics products worldwide. Since 1989, the company has offered a quality portfolio of diagnostic tests which now includes assays for *C. difficile*, *Campylobacter*, Shiga toxin producing *E. coli*, *H. pylori*, protozoan parasites, and biomarkers of intestinal inflammation.



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