

Immunochromatographic tests

CerTest  
BIOTEC

*One step ahead*



**CerTest Biotec** is a company focused on the development and manufacture of in vitro diagnostic products for human applications. The company was founded in 2002 and its success is highly associated to three basic pillars, **human resources, R&D and customer orientation.**

We provide products for clinical diagnosis with high standards of quality, high sensitivity, specificity and reproducibility, allowing the identification of pathogens at early stages of the infection. We are backed by our extensive network of **distributors in more than 120 countries** across the five continents.



FECAL ANTIGENS



INFLAMMATORY AND TUMOR  
MARKERS



RESPIRATORY ANTIGENS



URINE

To develop, manufacture and commercialize a wide range of products to identify the causative pathogens of infectious diseases in physicians' offices, labs and hospitals.

# mission

Leader in the clinical diagnostics sector, adding new easy-to-use products, technologies and extending our distributor network round the world.  
Always one step ahead in Research and Development.

# vision

Highly specialised • Customer Oriented  
Ethical Conduct • Teamwork • Innovation

# values

The multi-skilled team is a dedicated and experienced professional group responsible for dealing with all the different company activities in an international environment.  
Fully commitment to Innovation, Export and high-Technology.

# team



# Fecal Antigens

One-step chromatographic immunoassays for the qualitative detection of antigens in stool samples

## VIRUSES

Rotavirus

Adenovirus

**Rotavirus + Adenovirus**

Astrovirus

Norovirus

**Norovirus GI + Norovirus GII**

**Rotavirus + Norovirus GI/GII**

Enterovirus

Hepatitis A (HAV)



## BACTERIA

*Helicobacter pylori*

*Clostridium difficile* antigen GDH

***Clostridium difficile* Toxin A + B**

*Escherichia coli* O157:H7

*Campylobacter*

*Salmonella*

*Salmonella typhi*

*Salmonella paratyphi*

***Salmonella typhi* + *paratyphi***

*Listeria*

*Shigella*

*Shigella dysenteriae*

*Yersinia enterocolitica* O:3

*Yersinia enterocolitica* O:9

***Yersinia enterocolitica* O:3 + O:9**



# Fecal Antigens

One-step chromatographic immunoassays  
for the qualitative detection of antigens in  
stool samples

## PARASITES

*Cryptosporidium parvum* (Crypto)

*Giardia lamblia* (Giardia)

**Crypto + Giardia**

*Entamoeba*





# TEST PROCEDURE

1

Unscrew the cap and use the stick to pick up the sample.



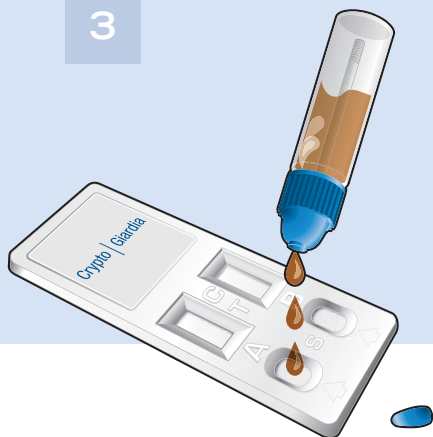
2

Close the tube with the diluent and stool sample. Shake the tube in order to assure good sample dispersion.



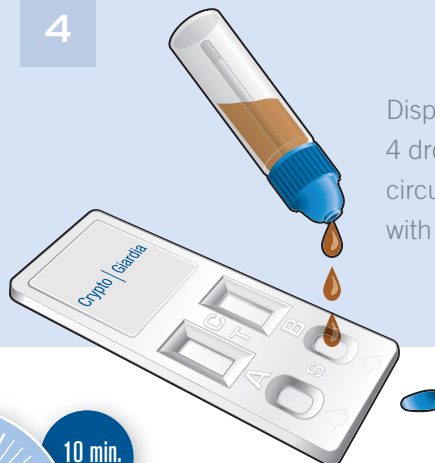
3

Cut the end of the cap and dispense exactly 4 drops into the "A" circular window marked with an arrow.



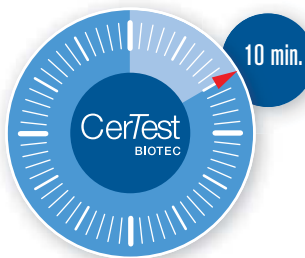
4

Dispense exactly 4 drops into the "B" circular window marked with an arrow.



5

Wait for coloured bands to appear.



Read the result at 10 minutes

## INTERPRETATION OF THE RESULTS



A



B

Crypto  
Negative

Giardia  
Negative



A



B

Crypto  
Positive

Giardia  
Negative



A



B

Crypto  
Negative

Giardia  
Positive



A



B

Crypto  
Positive

Giardia  
Positive

# Inflammatory and Tumor markers

One-step chromatographic immunoassays  
for the qualitative detection of Inflammatory  
and Tumor markers in stool samples

## MARKERS

Hemoglobin (FOB)

**FOB 50 + 200**

Transferrin

**FOB + Transferrin**

Calprotectin

**Calprotectin 50 + 200**

Lactoferrin

**Calprotectin + Lactoferrin**

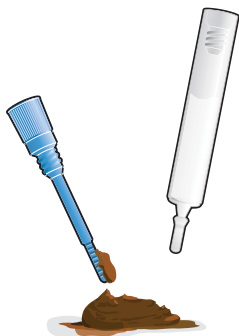




# TEST PROCEDURE

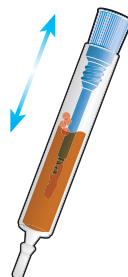
1

Unscrew the cap and use the stick to pick up the sample.



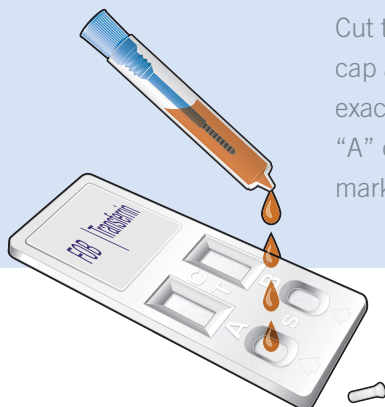
2

Close the tube with the diluent and stool sample. Shake the tube in order to assure good sample dispersion.



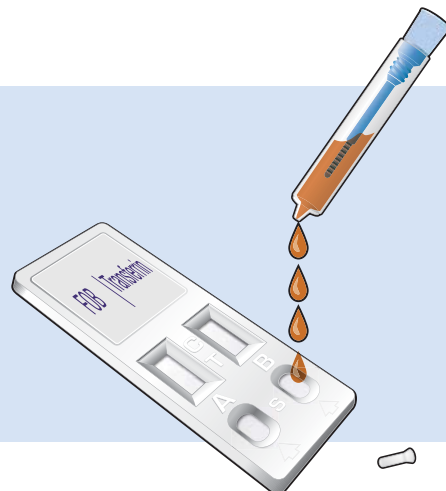
3

Cut the end of the cap and dispense exactly 4 drops into the "A" circular window marked with an arrow.



4

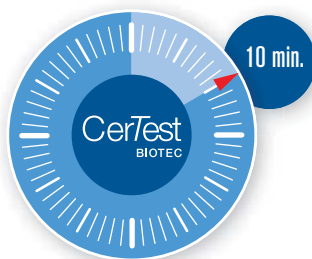
Dispense exactly 4 drops into the "B" circular window marked with an arrow.



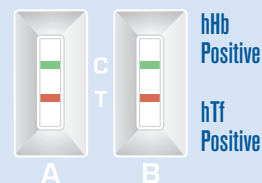
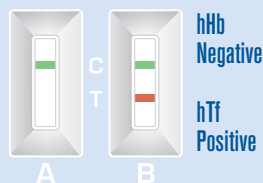
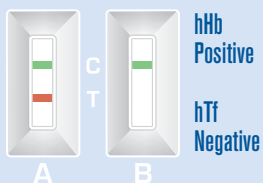
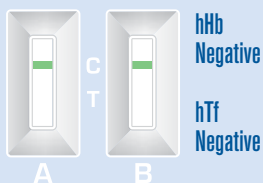
5

Wait for coloured bands to appear.

**Read the result at 10 minutes**



## INTERPRETATION OF THE RESULTS



# Respiratory Antigens

One-step chromatographic immunoassays  
for the qualitative detection of  
antigens in nasal samples

## RESPIRATORY

Influenza A

**Influenza A + Influenza B**

RSV

Resp. Adenovirus

**RSV + Resp. Adenovirus**

Strep. A



## TEST PROCEDURE

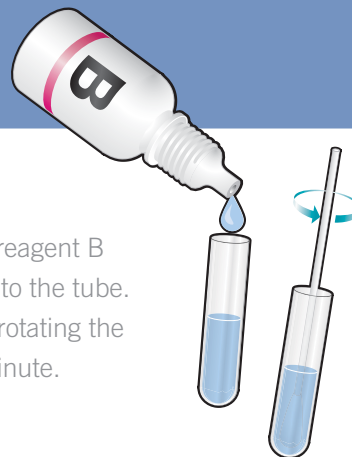
1

Add 5 drops of the reagent A into the tube.



2

Add 5 drops of the reagent B and put the swab into the tube. Mix the solution by rotating the swab forcefully 1 minute.



3

Extract the liquid with the pipette.



4

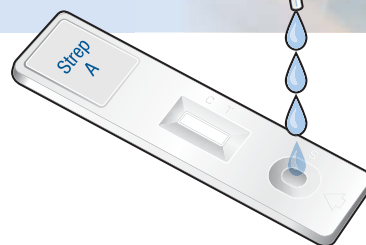
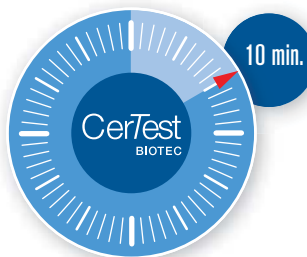
Dispense exactly 4 drops from the testing tube into the "A" circular window marked with an arrow.



5

Wait for coloured bands to appear.

**Read the result at  
10 minutes**



## INTERPRETATION OF THE RESULTS



C  
T *Strep A*  
Negative



C  
T *Strep A*  
Positive



C  
T Invalid



C  
T Invalid

# Urine

One-step chromatographic immunoassays  
for the qualitative detection of  
antigens in urine samples

## URINE

*Legionella*

*Streptococcus pneumoniae*

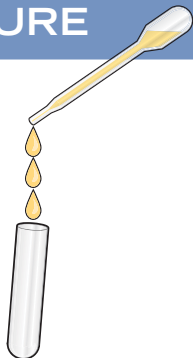
***Streptococcus pneumoniae + Legionella***



## TEST PROCEDURE

1

Using a separate testing tube or vial for each sample, add 3 drops of urine sample or liquid urine control.



2

Add 1 drop of Reagent A into the testing tube or vial and mix.

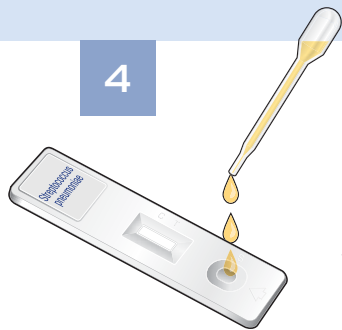


3

Remove CerTest *Streptococcus pneumoniae* card test from its sealed bag just before using it.

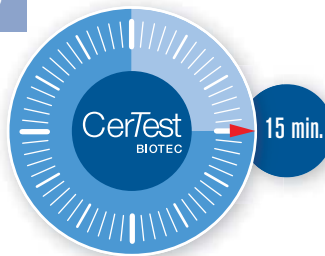


4



Use a separate pipette and device for each sample or control. Dispense 3 drops from the testing tube in the circular window marked with the letter S.

5



Wait for coloured bands to appear.

**Read the results at 15 minutes.**

**Do not read the test result later than 15 minutes.**

## INTERPRETATION OF THE RESULTS



C  
T *Streptococcus pneumoniae*  
Negative



C  
T *Streptococcus pneumoniae*  
Positive



C  
T Invalid



C  
T Invalid

# Multianalyte Combos

Easy-to-use and interpret in several strip tests

- Intended for one use
- Rapid diagnostic tool, no need of laboratory equipment
- Specimen collection by using solely one collection vial
- Minimize number of test handling
- 2 minutes specimen preparation
- Minimize risk of error in result interpretation



## COMBO CARDS

*H. pylori* + Transferrin

*Clostridium difficile* (GDH) + Lactoferrin

EHEC VT1 + VT2

*Shigella dysenteriae* + Shigatoxin







## TRIPLE CARDS



Rotavirus + Adenovirus + Astrovirus  
 Rotavirus + Adenovirus + Norovirus  
 Clostridium difficile GDH + Toxin A + Toxin B  
 Rotavirus + Norovirus GI + Norovirus GII  
 Crypto + Giardia + Entamoeba  
 E. coli O157 + VT1 + VT2  
 Influenza A + Influenza B + RSV

## QUAD CARDS

FOB + Transferrin + Calprotectin + Lactoferrin  
 Rotavirus + Adenovirus + Astrovirus + Norovirus  
 Influenza A + Influenza B + RSV + Resp. Adenovirus  
 GDH + Toxin A + Toxin B + Lactoferrin



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BIOTEC



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