

Immuno-chromatographic 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

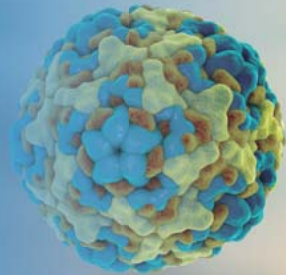


Fecal Antigens

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

VIRUSES

Rotavirus
Adenovirus
Astrovirus
Norovirus
Enterovirus
Enterovirus 71
Hepatitis A (HAV)





BACTERIA

Helicobacter pylori

Clostridium difficile antigen GDH

Escherichia coli O157:H7

Campylobacter

Salmonella

Salmonella typhi

Salmonella paratyphi

Listeria

Shigella

Shigella dysenteriae

Yersinia enterocolitica O:3

Yersinia enterocolitica O:9



Fecal Antigens

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

PARASITES

Cryptosporidium parvum (Crypto)

Giardia lamblia (Giardia)

Entamoeba



TEST PROCEDURE

1

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



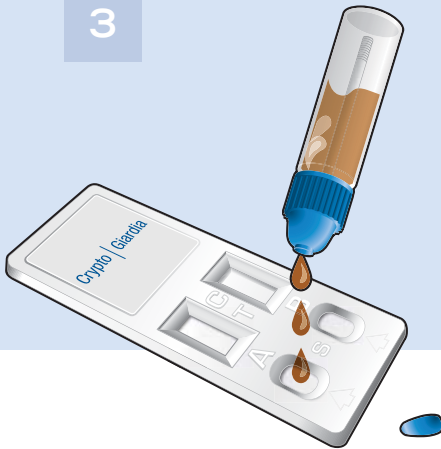
2

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



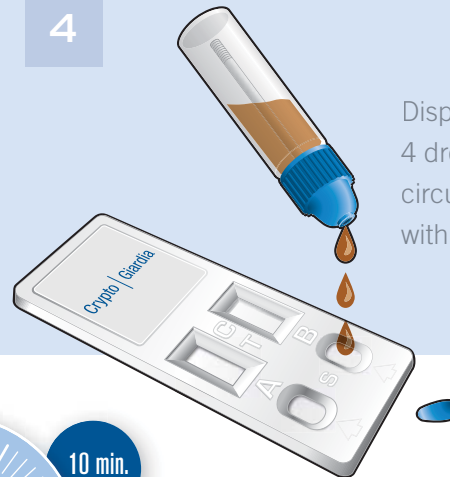
3

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



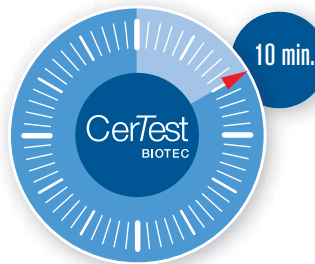
4

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



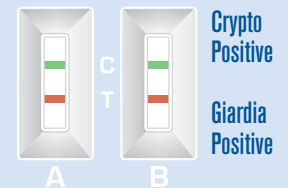
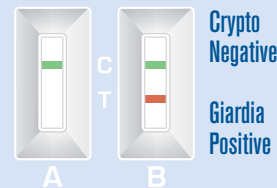
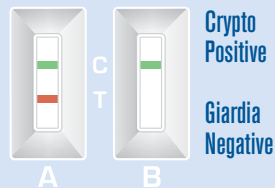
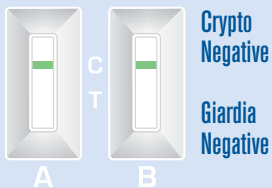
5

Wait for coloured bands to appear.



Read the result at 10 minutes

INTERPRETATION OF THE RESULTS



Inflammatory and Tumor markers

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

MARKERS

Hemoglobin (FOB)

Transferrin

Calprotectin

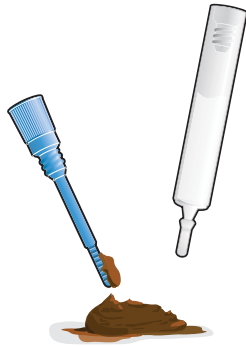
Lactoferrin



TEST PROCEDURE

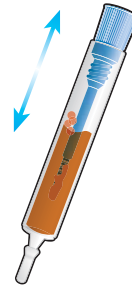
1

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



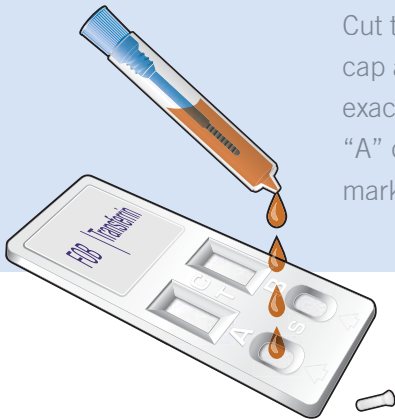
2

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



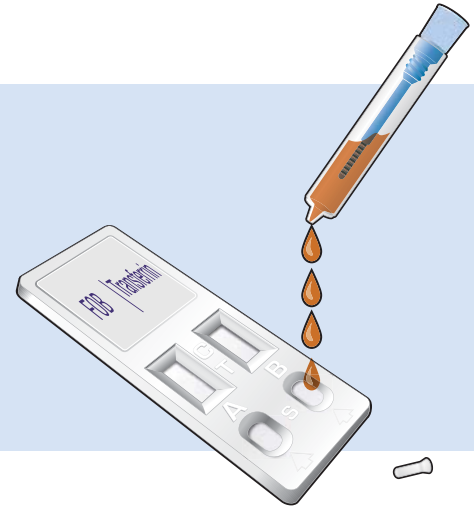
3

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



4

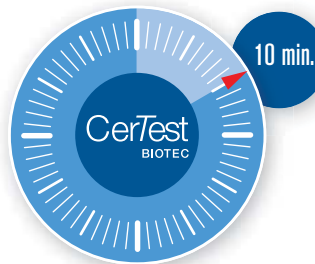
Dispense exactly 4 drops into the "B" circular window marked with an arrow.



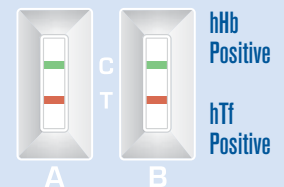
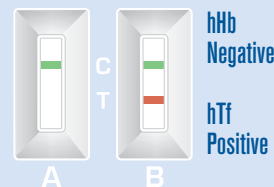
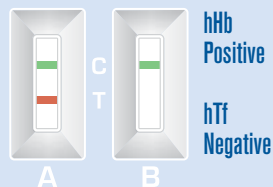
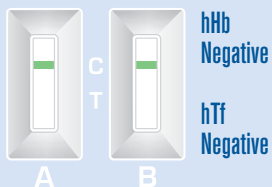
5

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
RSV
Resp. Adenovirus
Strep. A



TEST PROCEDURE

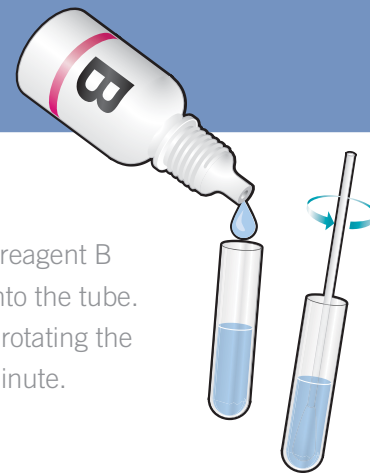
1

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

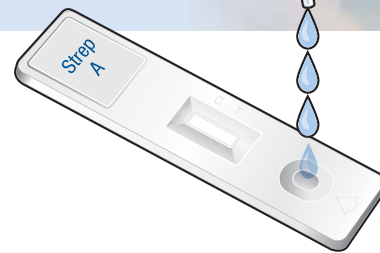
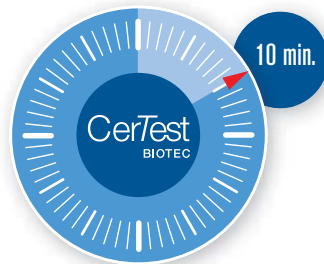
Dispense exactly 4 drops from the testing tube into the "A" circular window marked with an arrow.



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

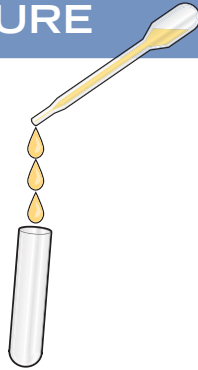
Streptococcus pneumoniae



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.

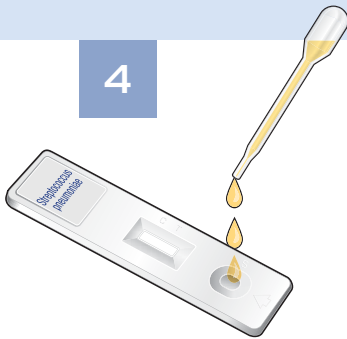


3

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

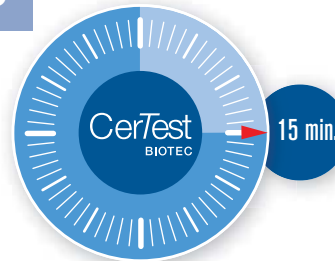


4



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

Rotavirus + Norovirus GI/GII

Norovirus GI + Norovirus GII

Rotavirus + Adenovirus

H. pylori + Transferrin

Clostridium difficile (GDH) + Lactoferrin

Clostridium difficile Toxin A + B

EHEC VT1 + VT2

Salmonella typhi + paratyphi

Shigella dysenteriae + Shigatoxin

Yersinia enterocolitica O:3 + O:9

Crypto + Giardia

FOB + Transferrin

FOB 50 + 200

Calprotectin 50 + 200

Calprotectin + Lactoferrin

RSV + Resp. Adenovirus

Influenza A + Influenza B

S. pneumoniae + Legionella





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*





One step ahead



Version: EN 1610